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SMITH COLLEGE BULLETIN



Catalog & Issue
1946 1947

NORTHAMPTON, MASSACHUSETTS

SMITH COLLEGE BULLETIN

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SERIES 41

JANUARY, 1947

NUMBER 3

SMITH COLLEGE BULLETIN



Catalogue Issue
1946-1947

NORTHAMPTON, MASSACHUSETTS

BEQUESTS

Gifts to the College may take the form of scholarships, of professorships, of additions to the material equipment, or of contributions to the permanent endowment fund. Special conditions may, of course, be attached to any gift. Forms of bequest are suggested.

UNRESTRICTED BEQUEST

I give, devise, and bequeath to The Trustees of the Smith College, a corporation established by law at Northampton in the Commonwealth of Massachusetts, the sum of dollars, to be applied to the general uses and purposes of the said institution.

UNRESTRICTED BEQUEST MAKING THE COLLEGE RESIDUARY LEGATEE

All the rest, residue, and remainder of my estate, real and personal, I devise and bequeath to The Trustees of the Smith College, a corporation established by law at Northampton in the Commonwealth of Massachusetts, to be applied to the general uses and purposes of the said institution.

BEQUEST FOR ENDOWMENT

I give, devise, and bequeath to The Trustees of the Smith College, a corporation established by law at Northampton in the Commonwealth of Massachusetts, the sum of dollars to be invested and preserved inviolably for the endowment of Smith College.

278.735.1168
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(Lewin Dent)

TABLE OF CONTENTS

	PAGE
Bequests	2
Yearly Calendar	4
College Calendar	5
The Board of Trustees.	6
The Faculty and Staff	7
Officers of the Alumnae Association	33
Correspondence.	33
Historical Sketch	35
General Information	41
Admission of Students	57
Advanced Standing	62
Returned Service Women	62
Noncollegiate Students	62
Auditors	63
Residence and Attendance	64
The Course of Study	67
Courses of Study	72
Graduate Study	158
Smith College School for Social Work	164
Honors and Degrees	171
Students	189
Schedule of Examinations	250
Index.	255

1946 : 1947 : 1948

JULY 1946							JANUARY 1947							JULY 1947							JANUARY 1948							
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DECEMBER							JUNE							DECEMBER							JUNE							
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	
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29	30	31					29	30						28	29	30	31				27	28	29	30				

COLLEGE CALENDAR

1946-47

Freshmen will arrive	Monday, Sept. 23
Required registration at Assembly 8:30 A.M.	Wednesday, Sept. 25
Classes begin at 9:00 A.M.	Thursday, Sept. 26
Meeting of the Board of Trustees	Friday, Oct. 11
Mountain Day	A day subsequent to Oct. 13
Thanksgiving Day	Thursday, Nov. 28

WINTER RECESS

Wednesday, Dec. 18, 12:50 P.M., to Thursday, Jan. 9

Required registration at Assembly 8:30 A.M.	Thursday, Jan. 9
Reading period	Jan. 14-23
Free Day	Thursday, Jan. 23
Midyear examinations	Jan. 24-Feb. 4
Second semester begins	Thursday, Feb. 6
Required registration at Assembly 8:30 A.M.	
Meeting of the Board of Trustees	Friday, Feb. 21
Washington's Birthday	Saturday, Feb. 22

SPRING RECESS

Wednesday, Mar. 26, 12:50 P.M., to Thursday, Apr. 10

Required registration at Assembly 8:30 A.M.	Thursday, Apr. 10
Reading period	May 19-28
Free Day	Wednesday, May 28
Final Examinations	May 29-June 10
Memorial Day	Friday, May 30
Meeting of the Board of Trustees	Friday, June 13
Commencement Day	Monday, June 16

1947-48

Freshmen will arrive	Monday, Sept. 22,
Required registration at Assembly 8:30 A.M.	Wednesday, Sept. 24
Classes begin at 9:00 A.M.	Thursday, Sept. 25

Dates are subject to change if circumstances demand.

THE BOARD OF TRUSTEES

HERBERT DAVIS, M.A., LL.D.
President

Northampton

Term
Expires

1947	ELIZABETH CUTTER MORROW, B.L., L.H.D., LL.D., LITT.D.	Englewood, N. J.
1949	GEORGE STANLEY STEVENSON, A.M.	New Haven, Ct.
1950	ADA COMSTOCK NOTESTEIN, A.M., LITT.D., LL.D., L.H.D.	New Haven, Ct.
1951	HAROLD BOIES HOSKINS, A.B.	New York
1951	THOMAS STILWELL LAMONT, A.B.	New York
1952	JOHN WESLEY HANES, A.B.	New York
1953	LUCIA NORTON VALENTINE, A.B.	Rochester, N. Y.
1954	FRANKLIN EDDY PARKER, JR., A.B., LL.B.	New York
1955	HENRY PITNEY VAN DUSEN, PH.D., D.D.	New York
1956	FRANCIS McMaster KNIGHT, B.A.	Highland Park, Ill.
1948	BERNICE BARBER DALRYMPLE, A.B.	Minneapolis, Minn.
1950	MIRA BIGELOW WILSON, A.B., S.T.B., LL.D.	East Northfield
1952	MARTHA ALDRICH HOLLOWAY, M.S.	Seattle, Wash.
1954	AMANDA BRYAN KANE, A.B.	New York

ANNETTA I. CLARK, A.B., A.M. (HON.), Secretary of the Board

Northampton

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Mr Davis, Mrs Morrow, Mr Stevenson, Mr Hoskins, Mr Parker

ON FINANCE:

Mr Davis, the Treasurer, Mr Stevenson, Mr Lamont, Mr Hanes, Mr Parker,
Mr Knight

ON COLLEGE HOUSES:

Mrs Dalrymple, Mrs Notestein, Miss Wilson, Mrs Valentine, Mrs Holloway,
Mrs Kane

ON BUILDINGS AND GROUNDS:

Mr Davis, Miss Wilson, Mrs Valentine, Mr Hoskins, Mr Knight

ON VACANCIES ON THE BOARD OF TRUSTEES:

Mrs Morrow, Mr Hoskins, Mrs Kane

ON HONORARY DEGREES:

Mrs Notestein, Mrs Holloway, Mr Van Dusen

ON INSTRUCTION:

Mr Davis, Mrs Notestein, Miss Wilson, Mr Van Dusen

ON THE SCHOOL FOR SOCIAL WORK:

Mrs Dalrymple, Mr Van Dusen, Mrs Holloway

THE FACULTY AND STAFF

ADMINISTRATIVE OFFICERS

HERBERT DAVIS, M.A., LL.D. <i>President</i>	8 Paradise Rd
ESTHER LOWENTHAL, PH.D. <i>Dean of the Faculty</i>	21 Dryads Green
ALISON LOOMIS COOK, A.B. <i>Warden</i>	138 Elm St.
JOY SECOR, A.M. <i>Registrar</i>	240 Crescent St.
MARION FRANCES BOOTH, A.B., B.SC., M.D. <i>College Physician</i>	Gateway House
GLADYS AMELIA ANSLOW, PH.D. <i>Director of Graduate Study</i>	72 Dryads Green
VIRGINIA CORWIN, B.D., PH.D. <i>Dean of the Class of 1947</i>	73 Prospect St.
ELINOR VAN DORN SMITH, PH.D. <i>Dean of the Class of 1948</i>	5 Middle St., Hadley
PRISCILLA PAINE VAN DER POEL, A.M. <i>Dean of the Class of 1949</i>	88 Crescent St.
MARY A. WAGNER, M.A. <i>Dean of the Class of 1950</i>	37 Prospect St.
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ELSIE PRESTON LEONARD, B.A. <i>Purchasing Agent</i>	115 Elm St.
RUTH W. CRAWFORD, A.M. <i>Director of Admission</i>	69 Prospect St.
MARJORY PORRITT NIELD, A.M. <i>Director of the Vocational Office</i>	25 Woodlawn Av.

ADMINISTRATIVE STAFF

MARY PARDEE ALLISON, A.B. <i>Publications Secretary</i>	32 Bedford Ter.
GRACE PAULINE ASSERSON, A.B. <i>Employment Manager</i>	Cushing House
CHARLOTTE BAUM, A.B. <i>Curator of Books and Photographs in the Department of Art</i>	57 Prospect St.
JANET MERRILL COOK, A.B. <i>Assistant to the Warden</i>	Ellen Emerson House
ROBERT MERRILL DEWEY, A.M. <i>Secretary of the Faculty</i>	83 Crescent St.
GLADYS DINGLEDINE DIGGS, A.M. <i>Assistant Registrar</i>	57 Prospect St.

ANNA GERLOFF, A.B., S.B. <i>Executive Secretary to the Dean</i>	61 Paradise Rd
HELEN G. MATTHEWS, A.B. <i>Secretary to the President</i>	10 West St.
MARY ELIZABETH MENSEL, A.B. <i>Director of Scholarships and Student Aid</i>	16 Washington Av.
CATHERINE C. PRENDERGAST <i>Assistant Purchasing Agent</i>	27 Revell Av.
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H. ESTELLE SMITH, A.B. <i>Executive Secretary to the Administrative Board</i>	98 Franklin St.
Alice BEYER VOSBURGH, A.B. <i>Director of Publicity</i>	26 Bedford Ter.
FLORENCE ELIZABETH YOUNG, A.M. <i>Executive Secretary to the Committee on Graduate Study</i>	62 West St.

OFFICERS EMERITI

ANNA ALICE CUTLER, PH.D. <i>Professor Emeritus of Philosophy</i> (1930) *	New Haven, Ct.
JULIA HARWOOD CAVERNO, A.M. <i>Professor Emeritus of Greek Language and Literature</i> (1931)	6 West St.
HARRIET REDFIELD COBB, A.M. <i>Professor Emeritus of Mathematics</i> (1931)	12 Arnold Av.
ELLEN PARMELEE COOK, A.M. <i>Associate Professor Emeritus of Chemistry</i> (1931)	Jaffrey, N. H.
ISABELLE WILLIAMS BARNEY, O.A. <i>Associate Professor Emeritus of French Language and Literature</i> (1931)	Tucson, Ariz.
ELIZABETH DEERING HANSCOM, PH.D. <i>Professor Emeritus of English Language and Literature</i> (1932)	26 Franklin St.
ALFRED VANCE CHURCHILL, A.M. <i>Professor Emeritus of the History and Interpretation of Art</i> (1932)	38 Franklin St.
FRANK ALLAN WATERMAN, PH.D. <i>Professor Emeritus of Physics</i> (1933)	65 Paradise Rd
MARY LOUISE FOSTER, PH.D. <i>Associate Professor Emeritus of Chemistry</i> (1933)	Boston
LOUISA SEWALL CHEEVER, A.M. <i>Associate Professor Emeritus of English Language and Literature</i> (1934)	Worcester
REBECCA WILDER HOLMES, MUS.D. (HON.) <i>Professor Emeritus of Music</i> (1936)	Los Angeles, Cal.
MARY MERROW COOK, B.S. <i>Associate Professor Emeritus of French Language and Literature</i> (1936)	Jaffrey, N. H.
AMY LOUISE BARBOUR, PH.D. <i>Professor Emeritus of Greek Language and Literature</i> (1937)	Lancaster
JOSEF WIEHR, PH.D. <i>Professor Emeritus of German Language and Literature</i> (1937)	Andover
FRANCES GRACE SMITH, PH.D. <i>Professor Emeritus of Botany</i> (1937)	11 Barrett Pl.

* Date of retirement.

MARY LILIAS RICHARDSON, A.M.	West Southport, Me.
Associate Professor Emeritus of Latin Language and Literature (1937)	
CAROLINE BROWN BOURLAND, PH.D.	Boston
Professor Emeritus of Spanish Language and Literature (1939)	
LOUISE DELPIT, CONCOURS CERTIFICAT LETTRES, O.A.	Cherveux, France
Professor Emeritus of French Language and Literature (1940)	
NINA ELIZA BROWNE, A.M., B.L.S., LITT.D.	Alumnae House
College Archivist Emeritus (1940)	
EVERETT KIMBALL, PH.D.	45 Prospect St.
Professor Emeritus of Government and Director Emeritus of the Smith College School for Social Work (1942)	
MARY BELLE McELWAIN, PH.D., LITT.D.	Chambersburg, Pa.
Professor Emeritus of Classical Languages and Literatures (1942)	
H. EDWARD WELLS, PH.D.	Hartford, Ct.
Professor Emeritus of Chemistry (1942)	
FLORENCE ALDEN GRAGG, PH.D.	Lancaster
Professor Emeritus of Classical Languages and Literatures (1943)	
MARY DUNHAM, M.A.	Camden, Del.
Librarian Emeritus (1943)	
LAURA WOOLSEY LORD SCALES, B.L., L.H.D., LITT.D.	115 Elm St.
Warden Emeritus (1944)	
FLORENCE GILMAN, M.D., SC.D. (HON.)	Poughkeepsie, N. Y.
College Physician Emeritus and Professor Emeritus of Hygiene and Bacteriology (1944)	
ANNA ADÈLE CHENOT, A.M.	367 Prospect St.
Associate Professor Emeritus of French Language and Literature (1944)	
LUCY LORD BARRANGON, A.M.	Crestwood, N. Y.
Associate Professor Emeritus of Art (1944)	
ARTHUR TABER JONES, PH.D.	78 N. Elm St.
Professor Emeritus of Physics (1945)	
RICHARD ASHLEY RICE, A.M.	47 Dryads Green
Professor Emeritus of English Language and Literature (1946)	
WILLIAM DODGE GRAY, PH.D.	22 Round Hill Rd
Professor Emeritus of History (1946)	
FRANK HAMILTON HANKINS, PH.D.	Philadelphia, Pa.
Professor Emeritus of Sociology (1946)	
GRACE HAZARD CONKLING, B.L., A.M. (HON.)	31 Maynard Rd
Professor Emeritus of English Language and Literature (1946)	
MARGARET GALE SCOTT, M.A.	21 Dryads Green
Associate Professor Emeritus of History (1946)	

THE FACULTY

(Arranged within each rank in alphabetical order, with date of appointment to the present rank. † Absent for the year; * absent for the first semester; ** absent for the second semester; ‡ with the Juniors in Mexico; § with the Juniors in Geneva; ^ appointed for the first semester; \$ appointed for the second semester.)

PROFESSORS

(and Officers of Equivalent Rank)

HERBERT DAVIS, M.A., LL.D.	8 Paradise Rd
President and Professor of English Language and Literature (1940)	
DOROTHY SEARS AINSWORTH, PH.D.	15 Barrett Pl.
Professor of Physical Education (1937)	

GLADYS AMELIA ANSLOW, PH.D.	72 Dryads Green
Professor of Physics on the Gates Foundation (1936) and Director of Graduate Study	45 Prospect St.
NEWTON ARVIN, A.B.	
Professor of English Language and Literature (1940)	
DOROTHY CAROLIN BACON, PH.D.	Capen House
Professor of Economics (1938)	
RICHARD BOYD BALLOU, ED.D.	165 Crescent St.
Professor of Education and Child Study (1946)	
ALBERT FRANCIS BLAKESLEE, PH.D., SC.D. (HON.)	32 Paradise Rd
Visiting Professor of Botany and Director of the Smith College Genetics Experiment Station (1942)	
MARION FRANCES BOOTH, A.B., B.S.C., M.D.	Gateway House
College Physician and Professor of Hygiene and Bacteriology (1944)	
ANTONIO BROSA	13 Belmont Av.
Professor of Music (1944)	
GLADYS EUGENIA BRYSON, PH.D.	Lawrence House
Professor of Sociology (1940)	
C. PAULINE BURT, PH.D., SC.D. (HON.)	101 Prospect St.
Professor of Chemistry (1937)	
JESSIE YERANCE CANN, PH.D.	36 Bedford Ter.
Professor of Chemistry (1929)	
JOAQUÍN CASALDUERO, DOCTOR EN FILOSOFÍA Y LETRAS	712 Bridge Rd
Professor of Spanish Language and Literature (1944)	
HÉLÈNE CATTANÈS, DOCTEUR DE L'UNIVERSITÉ DE PARIS	54 West St.
Professor of French Language and Literature (1939)	
**ANDREW BURNS CHALMERS, B.A., B.D.	7 College Lane
Professor of Religion and Biblical Literature and Religious Director (1935)	
†MARY ELLEN CHASE, PH.D., LITT.D., L.H.D.	
Professor of English Language and Literature (1929)	
ANNETTA I. CLARK, A.B., A.M. (HON.)	146 Elm St.
Secretary of the Board of Trustees (1924)	
MARY EVELYN CLARKE, PH.D.	9 Barrett Pl.
Professor of Philosophy (1937)	
ALISON LOOMIS COOK, A.B.	138 Elm St.
Warden (1944)	
HALLIE FLANAGAN DAVIS, A.M., L.H.D.	36 Paradise Rd
Professor of Drama and Director of Theatre (1942)	
FLORENCE ROBERTS DAY, M.SC. (SOC. ADMIN.)	70 N. Elm St.
Director of the Smith College School for Social Work (1943)	
LLOYD LYNE DINES, PH.D., LL.D.	Hotel Northampton
Visiting Professor of Mathematics (1946)	
DOROTHY WOLFF DOUGLAS, PH.D.	54 Prospect St.
Professor of Economics (1946)	
ERNEST CHARLES DRIVER, PH.D.	119 Prospect St.
Professor of Zoology (1945)	
**ELEANOR SHIPLEY DUCKETT, PH.D., D.LIT.	16 Paradise Rd
Professor of Classical Languages and Literatures on the John M. Greene Foundation (1928)	
JOHN WOODS DUKE	58 Paradise Rd
Professor of Music (1938)	

*ESTHER CLOUDMAN DUNN, PH.D.	82 Massasoit St.
Professor of English Language and Literature on the Mary Augusta Jordan Foundation (1927)	
ALFRED EINSTEIN, DR.PHIL.	28 Roe Av.
Professor of Music (1939)	
SAMUEL ATKINS ELIOT, JR., A.B.	31 Dryads Green
Professor of English Language and Literature (1946)	
HAROLD UNDERWOOD FAULKNER, PH.D., L.H.D.	26 Barrett Pl.
Professor of History on the Dwight W. Morrow Foundation (1931)	
ROSS LEE FINNEY, B.A.	52 Ward Av.
Professor of Music (1942)	
LEONA CHRISTINE GABEL, PH.D.	16 Washington Av.
Professor of History (1940)	
PAUL GERALD GRAHAM, PH.D.	5 Munroe St.
Professor of German Language and Literature (1943)	
VINCENT GUILLOTON, AGRÉGÉ DE L'UNIVERSITÉ	66 Paradise Rd
Professor of French Language and Literature (1929)	
LELAND HALL, M.A.	71 Dryads Green
Professor of Music (1934)	
SAMUEL RALPH HARLOW, PH.D.	307 Prospect Heights
Professor of Religion and Biblical Literature on the Charles N. Clark Foundation (1923)	
CHARLES JARVIS HILL, PH.D.	231 Crescent St.
Professor of English Language and Literature (1944)	
§ALICE M. HOLDEN, PH.D.	Switzerland
Professor of Government (1946)	
VERA BROWN HOLMES, PH.D.	Wilder House
Professor of History (1931)	
HAROLD EDWARD ISRAEL, PH.D.	42 West St.
Professor of Psychology (1937)	
WERNER JOSTEN	95 Round Hill Rd
Professor of Music (1925)	
CLARENCE KENNEDY, PH.D.	44 Pomeroy Ter.
Professor of Art (1931)	
RUTH LEE KENNEDY, PH.D.	36 Bedford Ter.
Professor of Spanish Language and Literature (1944)	
HANS KOHN, DR.JUR.	57 Dryads Green
Professor of History on the Sydenham Clark Parsons Foundation (1934)	
†WALTER M. KOTSCHNIG, DR. SC. POL., LL.D.	
Professor of Education and Child Study (1937)	
OTTO FREDERICK KRAUSHAAR, PH.D.	39 High St.
Professor of Philosophy (1939)	
MANFRED KRIDL, PH.D.	54 Belmont Av.
Visiting Professor of Slavic Languages and Literatures (1946)	
OLIVER WATERMAN LARKIN, A.M.	65 Bridge St.
Professor of Art (1931)	
¹ RENSSELAER WRIGHT LEE, PH.D.	105 Elm St.
Professor of Art (1940)	
PAL ROBERT LIEDER, PH.D.	62 Kensington Av.
Professor of English Language and Literature (1925)	

ARTHUR WARE LOCKE, A.M.	96 Round Hill Rd
<i>Professor of Music on the Henry Dike Sleeper Foundation (1921)</i>	
ESTHER LOWENTHAL, PH.D.	21 Dryads Green
<i>Professor of Economics on the Robert A. Woods Foundation (1921)</i>	
<i>and Dean of the Faculty</i>	
*NEAL HENRY McCOY, PH.D.	53 Ridgewood Ter.
<i>Professor of Mathematics (1942)</i>	
HARRIET DOROTHEA MACPHERSON, PH.D.	36 Bedford Ter.
<i>Librarian (1943)</i>	
†HOWARD AUGUSTUS MEYERHOFF, PH.D.	
<i>Professor of Geology and Geography (1934)</i>	
NORA MAY MOHLER, PH.D.	27 Langworthy Rd
<i>Professor of Physics (1946)</i>	
WILSON TOWNSEND MOOG, B.A., MUS.B.	98 Bancroft Rd
<i>Professor of Music (1923)</i>	
*DAVID NICHOL SMITH, M.A., D.LITT. (HON.), LL.D.	8 Paradise Rd
<i>William Allan Neilson Research Professor in English Language and Literature (1946)</i>	
ABBIE MABEL O'KEEFE, M.D.	Hubbard House
<i>Associate Physician and Professor of Hygiene and Bacteriology (1929)</i>	
WILLIAM AYLOTT ORTON, D.SC. (ECON.)	135 Vernon St.
<i>Professor of Economics (1922)</i>	
**SIDNEY RAYMOND PACKARD, PH.D.	45 Ward Av.
<i>Professor of History (1930)</i>	
HOWARD MADISON PARSHLEY, S.D.	250 Elm St.
<i>Professor of Zoology (1925)</i>	
HOWARD ROLLIN PATCH, PH.D., LITT.D.	4 Barrett Pl.
<i>Professor of English Language and Literature (1924)</i>	
SUSAN MILLER RAMBO, PH.D.	71 Ridgewood Ter.
<i>Professor of Mathematics (1937)</i>	
†JOHN REICH, PH.D.	116 N. Elm St.
<i>Production Director, Theatre</i>	
SOLON ROBINSON	32 Barrett Pl.
<i>Professor of Music (1940)</i>	
**MARGARET LE BRETON ROOKE, M.A.	36 Bedford Ter.
<i>Professor of Italian Language and Literature (1928)</i>	
STANLEY CURTIS ROSS, A.B., LL.D.	Williamsburg
<i>Visiting Professor of Economics (1946)</i>	
MYRA MELISSA SAMPSON, PH.D.	60 Harrison Av.
<i>Professor of Zoology (1929)</i>	
VINCENT M. SCRAMUZZA, PH.D.	65 Ward Av.
<i>Professor of History (1943)</i>	
JOY SECOR, A.M.	240 Crescent St.
<i>Registrar (1944)</i>	
**EDNA ASTON SHEARER, PH.D.	21 Dryads Green
<i>Professor of Philosophy (1923)</i>	
EMILY LEDYARD SHIELDS, PH.D.	49 Prospect St.
<i>Professor of Classical Languages and Literatures (1928)</i>	
**DORIS SILBERT, A.M.	58 Paradise Rd
<i>Professor of Music (1946)</i>	

†WILLIAM SENTMAN TAYLOR, PH.D. <i>Professor of Psychology (1926)</i>	55 Dryads Green
AGNES CARR VAUGHAN, PH.D. <i>Professor of Classical Languages and Literatures (1945)</i>	Tyler House
ALPHONS P. A. VORENKAMP, PH.D. <i>Professor of Art (1939) and Curator of Prints and Drawings</i>	32 Bedford Ter.
SETH WAKEMAN, PH.D. <i>Professor of Education and Child Study (1925)</i>	58 Paradise Rd
*HALSTED WELLES, M.F.A. <i>Resident Playwright and Production Director, Theatre (1943)</i>	
EDGAR WIND, PH.D. <i>William Allan Neilson Research Professor in Art (1944)</i>	35 Woodlawn Av.
ROBERT WITHINGTON, PH.D., OFFICIER DE L'INSTRUCTION PUBLIQUE <i>Professor of English Language and Literature (1925)</i>	63 Dryads Green
F. WARREN WRIGHT, PH.D. <i>Professor of Classical Languages and Literatures (1937)</i>	42 Franklin St.

ASSOCIATE PROFESSORS

(and Officers of Equivalent Rank)

DANIEL AARON, PH.D. <i>Associate Professor of English Language and Literature (1946)</i>	85 Washington Av.
HARRIETTE OVERTON AULL, A.M. <i>Associate Professor of Physical Education (1939)</i>	204 Crescent St.
GILBERT HAVEN AYRES, PH.D. <i>Associate Professor of Chemistry (1937)</i>	56 Forbes Av.
SARA BACHE-WIIG, PH.D. <i>Associate Professor of Botany (1934)</i>	36 Prospect Av.
H. LOUISA BILLINGS, A.M. <i>Associate Professor of Physics (1945)</i>	68 Main St., Hatfield
LOUISE MARIE BOURGOIN, LIC. ÈS L., O.A. <i>Associate Professor of French Language and Literature (1930)</i>	231 Elm St.
CLIFFORD RICHARDSON BRAGDON, A.M., ED.M. <i>Associate Professor of Education and Child Study (1946)</i>	8 Green Av.
†DORCAS BRIGHAM, A.M. <i>Associate Professor of Botany (1938)</i>	
EDITH BURNETT, B.S. <i>Associate Professor of Theatre (Dance) (1932)</i>	59 Dryads Green
MICHELE F. CANTARELLA, A.M. <i>Associate Professor of Italian Language and Literature (1939)</i>	51 Belmont Av.
**ESTHER CARPENTER, PH.D. <i>Associate Professor of Zoology (1943)</i>	60 Harrison Av.
†HELEN ASHHURST CHOATE, PH.D. <i>Associate Professor of Botany (1924)</i>	
†WILLIAM ARMISTEAD CHRISTIAN, PH.D. <i>Associate Professor of Religion and Biblical Literature (1944)</i>	
ROBERT FRANK COLLINS, A.M. <i>Associate Professor of Geology and Geography (1935)</i>	33 North St., Williamsburg
VIRGINIA CORWIN, B.D., PH.D. <i>Associate Professor of Religion and Biblical Literature (1942) and Dean of the Class of 1947</i>	73 Prospect St.

MARGARET BRACKENBURY CROOK, B.A. <i>Associate Professor of Religion and Biblical Literature (1923)</i>	30 Washington Av.
ROBERT GORHAM DAVIS, A.M. <i>Associate Professor of English Language and Literature (1945)</i>	98 Maynard Rd
**BIANCA DEL VECCHIO, DIPLOMA DI MAGISTERO <i>Associate Professor of Music (1943)</i>	142 Green St.
NEAL BREAULE DE NOOD, PH.D. <i>Associate Professor of Sociology (1943)</i>	Haydenville
MARION DE RONDE, A.B. <i>Associate Professor of Music (1946)</i>	59 Dryads Green
ALFRED YOUNG FISHER, DOCTEUR DE L'UNIVERSITÉ DE DIJON <i>Associate Professor of English Language and Literature (1943)</i>	54 Kensington Av.
ELIZABETH ANDROS FOSTER, PH.D. <i>Associate Professor of Spanish Language and Literature (1926)</i>	281 Crescent St.
ELIZABETH FAITH GENUNG, M.S. IN AGR. <i>Associate Professor of Bacteriology (1926)</i>	41 West St.
JAMES JEROME GIBSON, PH.D. <i>Associate Professor of Psychology (1937)</i>	210 Elm St.
GERTRUDE GOSS <i>Associate Professor of Physical Education (1939)</i>	Laura Scales House
MARGARET STORRS GRIERSON, PH.D. <i>College Archivist and Executive Secretary of the Association of Friends of the Library (1940)</i>	66 Massasoit St.
RENÉ GUIET, DOCTEUR DE L'UNIVERSITÉ DE PARIS <i>Associate Professor of French Language and Literature (1926)</i>	70 Washington Av.
**MADELEINE GUILLOTON, LIC. ÈS L., A.M. <i>Associate Professor of French Language and Literature (1931)</i>	66 Paradise Rd
FRITZ KARL HEIDER, PH.D. <i>Associate Professor of Education and Child Study (1946) and Lecturer in Psychology</i>	64 Kensington Av.
CAROLINE ELLA HEMINWAY, PH.D. <i>Associate Professor of Geology and Geography (1940)</i>	20 Franklin St.
ELIZABETH SANDERS HOBBS, D.S.C. <i>Associate Professor of Zoology (1946)</i>	Williamsburg
KATHERINE GEE HORNBEAK, PH.D. <i>Associate Professor of English Language and Literature (1941)</i>	Martha Wilson House
YVONNE IMBAULT-HUART, BI-ADMISSIBILITÉ À L'AGRÉGATION, O.A. <i>Associate Professor of French Language and Literature (1927)</i>	Wallace House
MERVIN JULES <i>Associate Professor of Art (1946)</i>	76 N. Elm St.
MARGARET KEMP, PH.D. <i>Associate Professor of Botany (1946)</i>	Chapin House
KATE RIES KOCH, A.M., M.L.D. <i>Associate Professor of Landscape Architecture (1927)</i>	48 Ward Av.
**ELISABETH KOFFKA, PH.D. <i>Associate Professor of History (1944)</i>	58 Paradise Rd
LIZBETH R. LAUGHTON, B.A. <i>Associate Professor of Speech (1925)</i>	76 Crescent St.
Alice AMBROSE LAZEROWITZ, PH.D. <i>Associate Professor of Philosophy (1943)</i>	69 High St.

MORRIS LAZEROWITZ, PH.D.	69 High St.
Associate Professor of Philosophy (1946)	
MARINE LELAND, PH.D.	66 Massasoit St.
Associate Professor of French Language and Literature (1935)	
*ELEANOR TERRY LINCOLN, PH.D.	16 Paradise Rd
Associate Professor of English Language and Literature (1944)	
JOHN JOSEPH GERALD McCUE, PH.D.	211 Elm St.
Associate Professor of Physics (1945)	
FRANCES CAMPBELL McINNES, A.M., M.D.	101 Prospect St.
Associate Physician (1937)	
*MARGARET ALEXANDER MARSH, A.M.	62 Hillcrest Pl., Amherst
Associate Professor of Sociology (1944)	
ANN ELIZABETH MENSEL, M.A.	262 Bridge St.
Associate Professor of German Language and Literature (1934)	
HELEN MUCHNIC, PH.D.	69 Belmont Av.
Associate Professor of Slavic Languages and Literatures (1943)	
HELEN JEANNETTE PEIRCE, A.M.	Morrow House
Associate Professor of Spanish and Portuguese Languages and Literatures (1944)	
MARGARET HILL PEOPLES, PH.D.	88 Crescent St.
Associate Professor of French Language and Literature (1934)	
RAYMOND PUTMAN	33 State St.
Associate Professor of Music (1937)	
KARL SCOTT PUTNAM, B.S. IN ARCH.	176 South St.
Associate Professor of Architecture (1939)	
HELEN WHITCOMB RANDALL, PH.D.	101 Prospect St.
Associate Professor of English Language and Literature (1944)	
LOUISE ROOD, A.M.	75 West St.
Associate Professor of Music (1946)	
**ANNELIES ARGELANDER ROSE, PH.D.	26 Bedford Ter.
Associate Professor of Psychology and of Education and Child Study (1945)	
FLORENCE MARIE RYDER, M.S.	51 Henshaw Av.
Associate Professor of Physical Education (1943)	
A. JEÁNNE SALEIL, AGRÉGÉE DE L'UNIVERSITÉ	Dawes House
Associate Professor of French Language and Literature (1940)	
SOPHIE SATIN, SC.D. (HON.)	32 Paradise Rd
Visiting Associate Professor of Botany (1944)	
WILLIAM BEAUMONT SCATCHARD, B.MUS., B.S.	984 Memorial Dr., Cambridge 38
Associate Professor of Music (1940)	
MARIE SCHNIEDERS, PH.D.	58 Paradise Rd
Associate Professor of German Language and Literature (1945)	
K. FRANCES SCOTT, PH.B., M.D.	32 Gothic St.
Associate Professor of Hygiene (1927)	
BENJAMIN MARTIN SHAUB, PH.D.	159 Elm St.
Associate Professor of Geology and Geography (1940)	
KENNETH WAYNE SHERK, PH.D.	Williamsburg
Associate Professor of Chemistry (1943)	
VERA A. SICKELS, A.M.	85 New South St.
Associate Professor of Speech (1932)	

ELSA MARGAREETA SIIPOLA, PH.D.	42 West St.
Associate Professor of Psychology (1945)	
ELINOR VAN DORN SMITH, PH.D.	5 Middle St., Hadley
Associate Professor of Bacteriology (1944) and Dean of the Class of 1948	
GERTRUDE PARKER SMITH, A.M.	76 Crescent St.
Associate Professor of Music (1946)	
DENTON M. SNYDER, M.A.	8 Green Av.
Technical Director, Theatre (1945)	
MARTHE STURM, LIC. ÈS L., DIPLÔME D'ÉTUDES SUPÉRIEURES	26 Bedford Ter.
Associate Professor of French Language and Literature (1931)	
LOIS EVELYN TE WINKEL, PH.D.	4 Sanderson Av.
Associate Professor of Zoology (1943)	
PRISCILLA PAINÉ VAN DER POEL, A.M.	88 Crescent St.
Associate Professor of Art (1945) and Dean of the Class of 1949	
ANACLETA CANDIDA VEZZETTI, DOTTORE IN FILOSOFIA E PEDAGOGIA	Haven House
Associate Professor of Italian Language and Literature (1934)	
MARY A. WAGNER, M.A.	37 Prospect St.
Associate Professor of Education and Child Study (1941),	
Director of the Elisabeth Morrow Morgan Nursery School, -	
and Dean of the Class of 1950	
KATHERINE REDING WHITMORE, DOCTORA DE LA UNIVERSIDAD DE MADRID	
Associate Professor of Spanish Language and Literature (1937)	47 Belmont Av.
EDWARD F. WILLETT, PH.D.	235 Crescent St.
Associate Professor of Economics (1943)	
**EDNA REES WILLIAMS, PH.D.	73 Prospect St.
Associate Professor of English Language and Literature (1944)	
MARJORIE WILLIAMS, PH.D.	32 Bedford Ter.
Associate Professor of Astronomy (1942) and Director of the Observatory	
*JEAN STRACHAN WILSON, PH.D.	58 Paradise Rd
Associate Professor of History (1940)	
KENNETH E. WRIGHT, PH.D.	108C South St.
Associate Professor of Botany (1946)	
*RUTH ELIZABETH YOUNG, A.M.	16 Paradise Rd
Associate Professor of Italian Language and Literature (1937)	
MIGUEL ZAPATA Y TORRES, PH.D.	10 Langworthy Rd
Associate Professor of Spanish Language and Literature (1928)	

ASSISTANT PROFESSORS
(and Officers of Equivalent Rank)

MIRIAM ALBERTA ALBERTSON, A.B., M.D.	58 Paradise Rd
Assistant Physician (1944)	
MARY HEDWIG ARBENZ, A.M.	Gardiner House
Assistant Professor of Speech (1946)	
JUSTA ARROYO, LICENCIATURA DE QUÍMICA, A.M.	39 West St.
Assistant Professor of Spanish Language and Literature (1945)	
ROBESON BAILEY, A.B.	Williamsburg
Assistant Professor of English Language and Literature (1944)	
HERBERT BUSEMANN, PH.D.	293 Elm St.
Assistant Professor of Mathematics (1945)	

Gwendolen Margaret Carter, Ph.D. <i>Assistant Professor of Government (1943)</i>	58 Harrison Av.
H. George Cohen <i>Assistant Professor of Art (1944)</i>	62 Kensington Av.
Ruth W. Crawford, A.M. <i>Director of Admission (1929)</i>	69 Prospect St.
Whitney Rogers Cross, Ph.D. <i>Assistant Professor of History (1946)</i>	197 Elm St.
*Anne Lee Delano, B.S. in Ed. <i>Assistant Professor of Physical Education (1946)</i>	Gateway House
Robert Merrill Dewey, A.M. <i>Secretary of the Faculty (1921)</i>	83 Crescent St.
George Stone Durham, Ph.D. <i>Assistant Professor of Chemistry (1945)</i>	Village Hill Rd, Williamsburg
Anne Gasool, A.M. <i>Assistant Professor of French Language and Literature (1937)</i>	Comstock House
Eleanor Jack Gibson, Ph.D. <i>Assistant Professor of Psychology (1940)</i>	210 Elm St.
Jeanne Seigneur Guiet, A.M. <i>Assistant Professor of French Language and Literature (1932)</i>	70 Washington Av.
Ida Deck Haigh <i>Assistant Professor of Music (1942)</i>	76 Crescent St.
Anna M. Hamlin <i>Assistant Professor of Music (1941)</i>	62 Kensington Av.
Evelyn F. Jennings, B.S. <i>Assistant Professor of Physical Education (1937)</i>	115 Elm St.
Margaret Louise Johnson, A.B., B.S. <i>Reference Librarian (1943)</i>	26 Bedford Ter.
Randolph Wardell Johnston <i>Assistant Professor of Art (1944)</i>	Hillside Rd, South Deerfield
Phyllis Williams Lehmann, Ph.D. <i>Assistant Professor of Art (1946)</i>	22 Belmont Av.
Lilly Lorentz, Ph.D. <i>Assistant Professor of Physics (1946)</i>	12 Arnold Av.
Margaret Sybil Melcher, A.B., M.D. <i>Assistant Physician (1942)</i>	262a Bridge St.
Marjory Porritt Nield, A.M. <i>Director of Vocational Office (1943)</i>	25 Woodlawn Av.
Elizabeth Warren Olmsted, A.M. <i>Assistant Professor of Geology and Geography (1945)</i>	54 Belmont Av.
Charles Hunt Page, Ph.D. <i>Assistant Professor of Sociology (1946)</i>	57 Crescent St.
Catherine A. Pastuhova, Ph.D. <i>Assistant Professor of Slavic Languages and Literatures (1945)</i>	58 Kensington Av.
John Calyer Ranney, Ph.D. <i>Assistant Professor of Government (1943)</i>	32 Bedford Ter.
Helen Evangeline Rees, Ed.D. <i>Assistant Professor of Education and Child Study (1945) and Director of the Smith College Day School</i>	96 State St.

S. MERYL ROSE, PH.D.	129 Prospect St.
Assistant Professor of Zoology (1945)	
HELEN LOUISE RUSSELL, PH.D.	Gateway House
Assistant Professor of Physical Education (1944)	
†MAJA LORE SCHADE	
Assistant Professor of Physical Education (1944)	
MARSHALL SCHALK, PH.D.	74 High St.
Assistant Professor of Geology and Geography (1941)	
WILLIAM TAUSSIG SCOTT, PH.D.	Turkey Hill Rd, West Farms
Assistant Professor of Physics (1946)	
MILTON DAVID SOFFER, PH.D.	46 Park St.
Assistant Professor of Chemistry (1944)	
*HELEN STOBBE, A.M.	
Assistant Professor of Geology and Geography (1940)	
‡ESTHER BERTHA SYLVIA, D.M.L.	Mexico
Assistant Professor of Spanish Language and Literature (1946)	
MARCEL VIGNERAS, PH.D.	38 Paradise Rd
Assistant Professor of French Language and Literature (1939)	
DOROTHY WALSH, PH.D.	66 West St.
Assistant Professor of Philosophy (1944)	

LECTURERS

MIRIAM EUGENIA CROWLEY, PH.D.	26 Bedford Ter.
Visiting Lecturer in Psychology (1946)	
RONALD JEREMIAH DARBY, ED.M.	15 Washington Av.
Lecturer in Education and Child Study (1938)	
ELIZABETH DREW, B.A.	Jordan House
Visiting Lecturer in English Language and Literature (1946)	
RUTH EVANS, A.M.	326 Forest Park Av., Springfield
Lecturer in Physical Education (1936)	
ALLEN AUSTIN GILMORE, PH.D.	22 Orchard St., Amherst
Visiting Lecturer in History (1945)	
FREDERICK HARTT, A.M.	75 Dryads Green
Visiting Lecturer in Art and Acting Director of the Museum (1946)	
LOUISE W. HOLBORN, PH.D.	58 Harrison Av.
Visiting Lecturer in Government (1946)	
RUTH WEDGWOOD KENNEDY, A.B.	44 Pomeroy Ter.
Lecturer in Art (1941)	
ELVA E. KNIGHT, ED.M.	471 Heath St., Chestnut Hill
Acting Director of the Educational Clinic (1946)	
JOSÉ LÓPEZ-REY, DOCTOR EN FILOSOFÍA Y LETRAS	54 Prospect St.
Lecturer in Art (1940)	
² ALAN VAN KEUREN McGEE, PH.D.	1 Brock Way, South Hadley
Visiting Lecturer in English Language and Literature (1946)	
¹ DONALD G. MORGAN, PH.D.	21 Woodbridge St., South Hadley
Visiting Lecturer in Government (1946)	
² HENRY H. B. NOSS, A.M.	
Visiting Lecturer in History (1946)	
¹ ATHERTON HALL SPRAGUE, PH.D.	227 S. Pleasant St., Amherst
Visiting Lecturer in Mathematics (1946)	

EUNICE WEADE, A.M. <i>Visiting Lecturer in Art (1945)</i>	135 Woodland St., Hartford 5, Ct.
DOROTHY WRINCH, D.SC. <i>Lecturer in Physics (1941)</i>	81 Woodside Av., Amherst
INSTRUCTORS	
ANITA LURIA ASCHER, PH.D. <i>Instructor in German Language and Literature (1945)</i>	German House
ELEANOR DODGE BARTON, A.M. <i>Instructor in Art (1943)</i>	
LAURA ANNA BORNHOLDT, PH.D. <i>Instructor in History (1945)</i>	Clark House
ROBERT SUMTER BRAWLEY, A.B., MUS.B. <i>Director of Choral Music (1945)</i>	58 Paradise Rd
ETTIE LEN TOY CHIN, A.M. <i>Instructor in Physical Education (1944)</i>	Laura Scales House
FRANCES M. COLVILLE, M.S. IN H.P.E. <i>Instructor in Physical Education (1944)</i>	Franklin King House
ÉLOÏSE DEGENRING, A.B. <i>Instructor in Music (1945)</i>	12 Arnold Av.
ANNA LOUISE DUNHAM, PH.D. <i>Instructor in Zoology (1945)</i>	267 Crescent St.
GRETCHEN LUDKE FINNEY, M.A. <i>Instructor in English Language and Literature (1944)</i>	52 Ward Av.
TERESA GRACE FRISCH, PH.D. <i>Instructor in Art (1945)</i>	Northrop House
SUSANNE ANGELA GILIBERTI, A.M. <i>Instructor in Spanish Language and Literature (1945)</i>	12 Arnold Av.
JOCELYN RUTH GILL, S.M. <i>Instructor in Astronomy (1945)</i>	
D. JOAN GRIFFITHS, A.M. <i>Instructor in English Language and Literature (1944)</i>	26 Bedford Ter.
ADELAIDE CROMWELL HILL, A.M. <i>Instructor in Sociology (1945)</i>	Gillett House
B. ELIZABETH HORNER, A.M. <i>Instructor in Zoology (1941)</i>	11 Henshaw Av.
FRANCES CORNWALL HUTNER, A.M. <i>Instructor in Economics (1943)</i>	57 Crescent St.
PAUL GRIMLEY KUNTZ, PH.D. <i>Instructor in Religion and Biblical Literature (1946)</i>	148 Crescent St.
BARBARA HOPKINS LEONARD, M.S. <i>Instructor in Zoology (1945)</i>	79 Elm St.
DENA LEVY, A.M. <i>Instructor in Spanish Language and Literature (1945)</i>	12 Arnold Av.
LILLIAN M. MANCINI, A.M. <i>Instructor in Physical Education (1943)</i>	276 Elm St.
MELBA MANERO, DOCTORA EN FILOSOFÍA Y LETRAS <i>Instructor in Spanish Language and Literature (1944)</i>	Albright House
HELEN SULLIVAN MIMS, A.M. <i>Instructor in Sociology (1944)</i>	47 Belmont Av.

ESTHER LEE MIRROW, A.M. <i>Instructor in Psychology</i> (1945)	32 Bedford Ter.
RUTH TEMPLETON MURDOCH, A.M., CERT. D'APTITUDE À L'ENSEIGNEMENT DU FRANÇAIS À L'ÉTRANGER <i>Instructor in French Language and Literature</i> (1945)	76 Elm St.
JOAQUINA NAVARRO, A.M. <i>Instructor in Spanish Language and Literature</i> (1943)	Washburn House
CHARLES ROBERT NIXON, A.B. <i>Instructor in Government</i> (1944)	50 Washington Av.
BETH WILSON NOBLE, M.A. <i>Instructor in Spanish Language and Literature</i> (1945)	76 Elm St.
ANNE FRANCES O'NEILL, PH.D. <i>Instructor in Mathematics</i> (1942)	Hopkins House A
BEATRICE P. PATT, PH.D. <i>Instructor in Spanish Language and Literature</i> (1945)	54 Prospect St.
MARGARET PENDLETON, A.M. <i>Instructor in Geology and Geography</i> (1945)	159 Elm St.
VIRGINIA FLEMING PRETTYMAN, PH.D. <i>Instructor in English Language and Literature</i> (1944)	55 Crescent St.
ELIZABETH DOROTHY ROBINTON, A.M. <i>Instructor in Bacteriology</i> (1944)	96 State St.
JANE ELEANOR RUBY, A.M. <i>Instructor in History</i> (1945)	8 Green Av.
HELENE SOMMERFELD, A.M. <i>Instructor in German Language and Literature</i> (1939)	222 Elm St.
NATALIE DELAPLAINE STARR, M.A. <i>Instructor in English Language and Literature</i> (1945)	10 West St.
RUTH ARLENE SWEZEY, B.S. <i>Instructor in Physical Education</i> (1945)	276 Elm St.
MARY ANN TIBBETTS, PH.D. <i>Instructor in Classical Languages and Literatures</i> (1943)	55 Crescent St.
BARBARA JEAN WALLACE, B.S. IN ED. <i>Instructor in Physical Education</i> (1945)	Wesley House
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Alice Louise BENJAMIN, A.M. <i>Instructor in French Language and Literature</i> (1946)	Baldwin House
LORRAINE WINEOW BENNER, A.M. <i>Instructor in Education and Child Study</i> (1946) and Teacher in the Elisabeth Morrow Morgan Nursery School	12 Bedford Ter.
RITA MAY BENSON, M.S. IN H.P.E. <i>Instructor in Physical Education</i> (1946)	Franklin King House
SHIRLEY FERRELL BLANCHARD, B.S. <i>Instructor in Physical Education</i> (1946)	122 Green St.
MARJORIE CATHARINE BOWMAN, M.A. <i>Instructor in Zoology</i> (1946)	12 Arnold Av.
BRADFORD COOK, B.A. <i>Instructor in French Language and Literature</i> (1946)	61 Paradise Rd.
HELEN VIRGINIA CROOK, B.S. IN PHY. ED. <i>Instructor in Physical Education</i> (1946)	122 Green St.

MAURICE PATRICK CUNNINGHAM, PH.D. <i>Instructor in Classical Languages and Literatures (1946)</i>	58 Paradise Rd
ELIZABETH V. GOODE, A.M. <i>Instructor in Physical Education (1946)</i>	61 Paradise Rd
ALICE GERBER GREEN, A.M. <i>Instructor in English Language and Literature (1946)</i>	Parsons Annex
SIMEON HUTNER, M.B.A., A.M. <i>Instructor in Economics (1946)</i>	57 Crescent St.
MARTHA LEEB, A.B. <i>Instructor in Art (1946)</i>	65 Bridge St.
*ELEANOR TABOR LINENTHAL, A.B. <i>Instructor in Government (1946)</i>	
LINDA LOCKE <i>Instructor in Theatre (Dance) (1946)</i>	75 Dryads Green
DAVID HAVENS NEWHALL, M.A. <i>Instructor in Philosophy (1946)</i>	116 N. Maple St., Florence
FREDERIC E. PAMP, JR. <i>Instructor in English Language and Literature (1946)</i>	61 Paradise Rd
KINGSLEY ARNOLD PERRY, ED.M. <i>Instructor in Education and Child Study (1946)</i>	33 Dana St., Amherst
ELIZABETH GLENN RAMSDEN, M.A. <i>Instructor in Philosophy (1946)</i>	Hopkins House
LYDIA V. SAVITZKAYA, M.A. <i>Instructor in Slavic Languages and Literatures (1946)</i>	Talbot House
DAVID SHAPIRO <i>Instructor in Art (1946)</i>	107 North St.
HERBERT SONTHOFF, A.M. <i>Instructor in Government (1946)</i>	29 Harrison Av.
JANE WHEELER STEEDMAN, A.M. <i>Instructor in Psychology (1946)</i>	32 Bedford Ter.
KATHERINE SOMMERLATTE VAN EERDE, PH.D. <i>Instructor in History (1946)</i>	58 Paradise Rd
HARRIET WARNER, A.M. <i>Instructor in Education and Child Study (1946) and Teacher in the Smith College Day School</i>	23 Langworthy Rd
Alice Louise Warren, M.S. <i>Associate Director of Vocational Office (1946)</i>	8 Green Av.
EDWARD TEED WILCOX, A.B. <i>Instructor in English Language and Literature (1946)</i>	57 Bridge St.
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<i>Assistant Secretary</i>	FRANCES A. COPELAND	1925
<i>Assistants to General Secretary</i>	ELBANOR HOWARD	
<i>Editor-in-chief of Alumnae Quarterly</i>	MARION GRAVES DUFFEY	1915
<i>Honorary Editor</i>	DOROTHY CALDWELL RHOADES	
<i>Managing Editor</i>	HAZEL HOWARD TURNER	
<i>Advertising Manager</i>	SHIRLEY K. GILLMAN	
<i>Alumnae Fund Secretary</i>	MADELINE BALL WRIGHT	1910
<i>Hostess</i>	EDITH N. HILL	1903
	KATHLEEN E. BERRY	1929
	RUTH SELDEN GRISWOLD	1916
	MAY HAMMOND	1903
	DOROTHY PEARSON ABBOTT	1911

CORRESPONDENCE

In the list below are the names and addresses of persons to whom inquiries of various types should be sent. In each case Northampton, Massachusetts, is the post office address.

REQUESTS FOR CATALOGUES AND PAMPHLETS:

The Secretary to the President, Smith College

ADMISSION OF STUDENTS:

The Director of Admission, Smith College

APPLICATION FOR ROOMS IN COLLEGE HOUSES:

The Warden, Smith College

PAYMENT OF COLLEGE BILLS:

The Treasurer, Smith College

FELLOWSHIPS AND GRADUATE STUDY:

Miss Gladys A. Anslow, College Hall 13

EXCHANGE OF STUDENTS WITH FOREIGN COUNTRIES:

Miss Agnes C. Vaughan, College Hall 13

SCHOLARSHIPS AND OPPORTUNITIES FOR EARNING MONEY:

The Director of Scholarships and Student Aid, College Hall 2

LOANS FROM THE STUDENTS' AID SOCIETY:

Miss Eleanor T. Lincoln, 16 Paradise Road

QUESTIONS FROM PARENTS RELATING TO GENERAL WELFARE OF STUDENTS:

The Warden, Smith College

QUESTIONS FROM PARENTS RELATING TO HEALTH OF STUDENTS:

The College Physician, Smith College

QUESTIONS FROM PARENTS AND SCHOOLS RELATING TO SCHOLARSHIP:

The Registrar, Smith College

SMITH COLLEGE SCHOOL FOR SOCIAL WORK:

Director of the School, College Hall 8

ALUMNAE AFFAIRS:

Miss Florence H. Snow, The Alumnae House

HISTORICAL SKETCH

I

S MITH COLLEGE began in the conscience of a New England woman. The sum of money with which the first land was bought, the first buildings erected, and the foundation of the endowment laid, had been amassed by a man who, like many Americans, had made a fortune without any apparent ulterior purpose. He seems to have bequeathed it to his sister because he had not made up his mind what else to do with it. Sophia Smith received it not as providing means for luxury or display, but as laying upon her a burden of responsibility. She left it for the founding of a college for women because after much perplexity, deliberation, and advice, she had concluded that thus could she best fulfill a moral obligation.

Smith College began in the mind of a New England minister. To John Morton Greene is due the idea whose realization we see today. From him Sophia Smith asked counsel as to the disposal of her unsought riches, and received suggestions which she pondered and discussed, and from among which she finally selected that which we must acclaim as the wisest and most beneficent. The idea that Mr. Greene presented and Sophia Smith adopted is clearly expressed in a passage in Sophia Smith's will that must be regarded as their joint production, drafted by him, amended and approved by her. The language is as follows:

I hereby make the following provisions for the establishment and maintenance of an Institution for the higher education of young women, with the design to furnish for my own sex means and facilities for education equal to those which are afforded now in our Colleges to young men.

It is my opinion that by the higher and more thorough Christian education of women, what are called their "wrongs" will be redressed, their wages adjusted, their weight of influence in reforming the evils of society will be greatly increased, as teachers, as writers, as mothers, as members of society, their power for good will be incalculably enlarged.

Later, after enumerating the subjects which still form the substance of the curriculum of the college, she adds: "And in such other studies as coming times may develop or demand for the education of women and the progress of the race. I would have the education suited to the mental and physical wants of woman. It is not my design to render my sex any the less feminine, but to develop as fully as may be the powers of womanhood, and furnish women with the means of usefulness, happiness and honor, now withheld from them." She further directed that "without giving preference to any sect or denomination, all the education and all the discipline shall be pervaded by the Spirit of Evangelical Christian Religion."

When one considers what would today be regarded as the somewhat narrow and puritanical type of culture in which the authors of these sentences were living, one cannot fail to be impressed by their wisdom, liberality, and farsightedness. The general terms in which the purposes of women's education are defined are perfectly valid today. Provision is made for change of outlook and development in the scope of education. While the fundamentally religious interest of the founder is stressed, the college is kept clear of entanglement with institutional Christianity, and the only prescription is the pervading of instruction by the spirit of the gospel of Jesus Christ. This injunction has been obeyed in the past, we trust

NOTE.—The first part of this account is based upon an historical address delivered by President William Allan Neilson at the Fiftieth Anniversary Exercises, June 12, 1925.

and believe it is being obeyed in the present, and there is no reason to believe that it will not be willingly and gladly observed in the future.

Such is the charter of our intellectual and spiritual liberty.

II

It is one thing to state an ideal and give a commission, it is another to carry them out. Laurenus Clark Seelye in 1873 undertook the presidency of the new college, land was bought and the first buildings erected, a prospectus was issued, and in 1875 the college was opened with fourteen students. The prospectus and the inaugural address laid down the main lines of educational policy on which the new college was to run, and again it is amazing to note how little these have to be modified to describe the college of today. There is the same high standard of admission, matching that of the best colleges for men, the same breadth in the curriculum, the same emphasis on literature, art, and music. What we are less likely to note is the faith needed to establish these standards and to stick to them in an atmosphere of scepticism and even of ridicule. President Seelye brought many gifts to the fulfilling of his office, none more remarkable or more essential than his faith and courage.

It is impossible here to trace the growth of the instruction under his leadership. For thirty-five years he carried the college forward; and when he laid down his office in 1910, the tiny seed had become a great tree. The assets of the college had grown from the original bequest of about \$400,000 to over \$3,000,000, half of it endowment and half equipment; the Faculty from half a dozen to 122; the students from 14 to 1635; the buildings from 3 to 35. These figures are a testimony to his remarkable financial and administrative ability, yet they are chiefly important as symbols of a greater achievement. What he had erected was not to be properly described in terms of physical and financial assets; it was a living organism, with a distinct personality and an abounding vitality. With few educational theories—none of them revolutionary—he had set a-going a process for the molding of the minds and spirits of young women, had supervised the process for a generation, and had stamped upon several thousand graduates the mark of his own ideals and his own integrity. He was a great man, but his achievement was even greater, for as far as we can see what he created will last as long as our phase of civilization endures.

III

It is hard to follow the king, and the problem which faced President Seelye's successor was no easy one. The growth of the college had acquired a strong momentum, and numbers increased of themselves; Mr. Marion Le Roy Burton's task was to perfect the organization for taking care of these numbers. This meant the modernizing of the business methods of the administration, the improvement of the ratio of instructors to students with a view to more efficient teaching, the raising of salaries to retain and improve the staff, the providing of more adequate equipment, and the revision of the curriculum. These things mean money, and with the assistance of the alumnae and at great expense of energy on his own part, President Burton raised a million dollars—an achievement far greater than it seems in these postwar days. This sum permitted a substantial if temporary relief in the matter of salaries; the staff was increased to reasonable numbers, and accumulated funds were used to supply the urgent needs of the biological sciences for a new and adequate laboratory building. The curriculum was revised by the

Faculty under the tactful leadership of President Burton—who thus proved he could weather the most trying of academic tempests. The seven years of his service saw the further growth of the college to over 1900 students, the increase of its assets by over \$1,000,000, and substantial progress in educational efficiency. The business reorganization was well begun, arrangements were made for a new method of admission, and all sails were set for a long and prosperous voyage, when suddenly Mr. Burton was called elsewhere.

IV

The third administration of Smith College opened in the troubled days of the Great War. President William Allan Neilson's first contacts with the alumnae came with the launching of the work of the Smith College Relief Unit in France, and he learned something of the quality of the graduates who had been trained by his predecessors, as he became familiar with the effectiveness and the joyous devotion with which that band of heroic women and their supporters at home carried through their undertaking. It is probable that since the founding of the college no such test had occurred of the power of the alumnae to work together for a cause outside the college, of their adaptability to new tasks and strange conditions, of their initiative and persistence. Against a thousand obstacles they achieved what they set out to do. The erection of the Grécourt Gates at the entrance to the college fittingly commemorates the appropriate part played by Smith women in the struggle of the nations.

The war and its aftereffects complicated in many ways the problems of the management of the college. The rise in prices shortly canceled the increase in resources from the Million Dollar Fund collected under President Burton, and the need for more money for instruction became greater than ever. Numbers went up to twenty-one hundred with no signs of abating. The campus dormitories housed only two-fifths of the students. Classrooms and laboratories were overcrowded. Perplexities caused by physical and financial stringency threatened to absorb all our energies to the neglect of more strictly educational problems.

Again the alumnae came to the rescue. Taking the whole burden of organization upon their own shoulders, they undertook to raise \$4,000,000 to meet the most pressing needs, and at Commencement 1920, after a campaign calling for immense resource, persistence, and devotion, they placed pledges for that amount in the hands of the Trustees. Half was used for instruction, and enabled the college to compensate its teachers for the loss suffered in the decrease in the value of the dollar; the other half went to making up in part the arrears in housing and academic equipment which had been incurred by the growth in numbers.

Meantime, in spite of entrance examinations and rising standards, the pressure for admission at the gates of Smith as of its sister colleges continued to increase, and the college was forced to limit its numbers to two thousand. Much as one may regret an apparently arbitrary restriction upon the scope of its influence, it seems clear that the effect of this decision is, through forcing a more severe standard of selection, to secure a higher level of preparation and intelligence and a more homogeneous body of students than we should otherwise have had.

One is always tempted to dwell on the contrast between the small beginnings and the present achievement: between the original corner lot of 13 acres and the present campus of 176; between Sophia Smith's \$400,000 and the present assets of almost \$17,200,000; between the first class of 14 and today's 2000; between the group of 11 graduates of 1879 and the present alumnae roll of 19,415; between the three

original buildings and those which rise on the campus today. Many more contrasts could be drawn to show material growth, but the evidence lies all around us, and the development of the college in other ways is of greater significance.

One of the largest resident women's colleges in the world, Smith College faced problems which it shared with both colleges and universities. President Neilson desired to develop all the advantages which only a large institution can offer, and at the same time to avoid any disadvantages which seemed inherent in the size of the institution. Laboratory and library facilities were developed. The number of instructors was constantly increased, though the number of students remained the same. The last years of the third administration saw the accomplishment of a goal long sought, that all students should live "on campus." With the exception of those local students who live at home, the college now houses all its undergraduates; yet this was brought about without loss of the original "cottage plan" which the founders established. Smith College believes firmly in the value of the small group, with the result that no dormitory houses more than seventy students, while groups of twenty to thirty are not uncommon. In addition, President Neilson developed an administrative system designed to assure students all possible personal direction and assistance, yet leaving them free to develop independence. The Class Deans divide with the Warden, the Dean, and the Registrar responsibilities often centered in one office. Six physicians have charge of student health and of training in personal and social hygiene. A Director and an Associate Director give full time to vocational guidance and placement work.

Various significant developments in the course of study also give evidence of the attempt of this administration to adjust education both to a large group and to the individual. Revision of the curriculum, under President Neilson's guidance, resulted in a course of study which offers a thoughtful combination of the advantages of the "free elective" and of the "prescribed" systems. An attempt has been made to assure the students a broad general foundation in various fields of knowledge during the first two years, followed by a more intensive study of a major subject during the last two. One of the most significant and important of all the innovations introduced by President Neilson was the Junior Year Abroad, which for many years permitted students interested in modern languages to increase their language facility in the only really satisfactory way, and at the same time to become acquainted at first hand with the culture and daily life of European countries. The return to Northampton annually of these students, together with the presence on the campus of foreign students studying on the fellowships established by the Trustees, has made for a broader understanding of international problems. To compensate somewhat for this lack of opportunity during the war years the College set aside German, Dawes, and Washburn Houses for students interested in German, French, and Spanish. In each the Head of House speaks the language and the Faculty resident is a member of the department concerned. So far as possible the atmosphere of the house is that of the country represented. This year in Mexico there is a group of Juniors majoring in Spanish, in Geneva a group majoring in the social sciences. As members of an intercollegiate group there are three Juniors in Zurich.

For the second year Smith College is co-operating with the University of Toronto in the exchange of a small number of Juniors.

While Smith College has always been and remains a liberal arts college and offers no professional work *per se*, it nevertheless affords unusual opportunities to those students who are seriously preparing for professions. Interdepartmental majors

permit prospective students of medicine, public health, nursing, landscape architecture, and theatre to enter professional schools with excellent preparation. The Department of Art with the Smith College Museum of Art (the Hillyer and the Tryon Galleries), and the Department of Music, housed in one of the most completely equipped music buildings in the country, afford work in technical art and practical music, in addition to training in the theory and history of these arts. Students interested in recent movements in education may observe at first hand the working out of two interesting contemporary experiments in the Day School, a school of progressive type offering instruction to children from five years of age through the junior high school, and in the Elisabeth Morrow Morgan Nursery School for children from two to five years.

During the Neilson administration, with no loss of emphasis upon undergraduate work, the graduate division of the college developed markedly. Work leading to the degrees of Master of Arts, Master of Education, and Master of Science in Physical Education is offered; the degree of Doctor of Philosophy is occasionally conferred. The Smith College School for Social Work, which had its origin in the days of the World War, has taken an important place among professional schools, and offers annually to approximately one hundred and fifty candidates work leading to the degree of Master of Social Science.

President Neilson's great interest in the development of the undergraduate college was recognized upon his fifteenth anniversary by the establishment on the part of the Trustees of the Neilson scholarships, awarded annually to ranking scholars of the three upper classes. His profound concern with scholarship and research on behalf of the Faculty was commemorated by the endowment of the William Allan Neilson Chair of Research, to be occupied annually by a scholar or scholars chiefly concerned with the carrying on of research in any of the fields represented by the curriculum. The list of those who have occupied this chair is printed at the end of this section.

V

History repeats itself. The fourth administration of Smith College began, like the third, in a time of international conflict, under the cloud of wars and rumors of wars. President Neilson retired at the end of the academic year 1938-39; during the interregnum, Mrs. Elizabeth Cutter Morrow served her college as Acting President, and earned the deep gratitude of Trustees, Faculty, alumnae, and students. At the opening of the year 1940-41, President Herbert Davis, formerly Professor of English at the University of Toronto and at Cornell University, took office. "This is not a time to prophesy smooth things, or to dream dreams," President Davis said in his inaugural address on October 17, 1940. "It is not a time for experiment; not a time to advance to new positions, or to undertake new responsibilities. It is a time rather for consolidation, for holding on to what we know is worth maintaining." The chief purpose of education, defined by President Davis—"to produce free spirits, and to let them work freely"—continues to be the chief purpose of Smith College. As at its foundation and during the successive chapters in the history of the college, so today the educational policy of Smith College may be defined in these words:

The purpose of Smith College is to afford intelligent and adequately prepared young women an opportunity to obtain such knowledge of the world and of thought, and such appreciation of artistic and of ethical values as will enable them to develop their best potentialities to the fullest degree, to spend their leisure hours

valuably, to enjoy life in a civilized manner, and to become forceful members of the community of which they find themselves members.

The college aims to foster a rigorous and unsentimental regard for facts, a critical attitude toward theories, a tolerant view of religious and ethical questions, and a varied development of individual personality.

In pursuance of this aim, the required studies are intended to give every student contact with the main fields of knowledge and appreciation; the system of major studies to insure some mastery of a particular field; the Honors scheme to encourage the independence of those above the average in ability; and outside activities to afford opportunity for spontaneous participation in sports, dramatics, music, reading, and social life.

The resources of the college are limited, the aspirants numerous; and only those who maintain a satisfactory objective standard of intellectual achievement and self-controlled behavior can expect to gain and to retain the privilege of membership in the student body.

VI

After December 7, 1941, when this country found itself plunged suddenly into war on both fronts, Smith College pledged itself, in common with all our colleges and universities, to take its full share in the national war effort. Before many months had passed members of the Faculty were called away for research, for government service, and for service with the armed forces, and many of the men in the Department of Buildings and Grounds enlisted, were drafted, or left for special work in war industries.

Then during the summer of 1942, after the passing of the Act to establish a Woman's Reserve in the Navy, the Navy Department invited the College to provide the necessary facilities for the establishment of the first Officers' Training Unit of the Women's Reserve. This was done with the help of the Hotel Northampton and with the enthusiastic co-operation of the Alumnae Association, which set aside part of the Alumnae House to serve as Headquarters.

Captain Underwood arrived with part of the administrative and teaching staff of the Unit during August, 1942, the first group of officers, including eight of our alumnae, were commissioned September 30, and on October 6 the first full complement arrived to begin their training, among them being thirty-eight of our alumnae and former students. The School was closed after the graduation of the twenty-eighth class December 21, 1944, when approximately 9567 officers had been commissioned. The advanced course in Naval Communications continued to operate until February 27, 1945.

HOLDERS OF THE WILLIAM ALLAN NEILSON CHAIR OF RESEARCH

Kurt Koffka, Ph.D. Psychology. 1927-32.

G. Antonio Borgese, Ph.D. Comparative Literature. 1932-35.

Sir Herbert J. C. Grierson, M.A., LL.D., Litt.D. English. 1937-38 (2d sem.).
Alfred Einstein, Dr.Phil. Music. 1939-40 (1st sem.).

George Edward Moore, D.Lit., LL.D. Philosophy. 1940-41 (1st sem.).

Karl Kelchner Darrow, Ph.D. Physics. 1940-41 (2d sem.).

Carl Lotus Becker, Ph.D., Litt.D. History. 1941-42 (2d sem.).

Albert F. Blakeslee, Ph.D., Sc.D. (hon.). Botany. 1942-43.

Edgar Wind, Ph.D. Art. 1944—.

David Nichol Smith, M.A., D.Litt. (hon.), LL.D. English. 1946-47 (1st sem.).

GENERAL INFORMATION

EVERY student is held responsible by the Faculty for the observance of the academic and social regulations of the College. A student who does not comply with these regulations, whose general attitude shows a failure to profit by the influences of the College, or who in the judgment of the administrative officers lacks the maturity of character or the physical strength demanded by college life, may at any time be required to withdraw.

A student found guilty of intentional dishonesty in her college work is liable to forfeit her connection with the College.

RESIDENCE

Smith College has the policy of housing its students in houses of its own in small groups, each group accommodating on an average from fifty to sixty students. Except for a few smaller houses which are grouped together in one unit, each house has its own living rooms, dining room, and kitchen, and is in charge of the Head of House, who devotes her whole time to the administration of the house and to the personal care of the students in her charge. Regulations for the life in these houses have been made by the Student Government Association in co-operation with the Administration of the College, and are carried out by the Head of House and the House President. In most of the houses there is resident a member of the Faculty. It is the aim of the College to provide in these houses homelike surroundings and conditions favorable for study and community life.

Entering students will receive a blank, especially provided for the purpose, on which they should state if possible their preferences for houses. This blank should be returned to the Office of the Warden by June of the year of entrance. Rooms are assigned to entering students after the required deposit of \$50 is paid and preferences are honored in the order of the students' original dates of application for admission to college, except when students are admitted from a waiting list or where a reasonable geographical or other distribution makes it unwise. Order of application is not considered in making assignments after the Freshman year, the order of assignment to the three upper classes being determined by lot. Any student may move from one house to another once during her college course.

Rooms are assigned for the college year. No refund will be allowed except in extreme cases of which the College shall be the sole judge. All notices of withdrawal should be sent immediately to the Registrar's office in the case of upper-class students, and to the Board of Admission in the case of entering students, and room assignments will then be canceled. Failure to file a course card in the spring involves the loss by the student of any room assignment that may have been given her for the following year.

Students who plan to re-enter must be readmitted to college by notice from the Registrar before rooms will be assigned. No assignments will be made, however, until after the receipt of the required deposit fee by the Registrar.

Entering students who are receiving free tuition as residents of Northampton will not be assigned rooms in college houses until vacancies occur after the opening of college.

A student who desires to live in any house other than those operated by the College must receive permission from the Office of the Warden.

In September, 1947 students will not be admitted to college houses before the twenty-first.

At the end of the year students of the two lower classes are expected to give up their rooms forty-eight hours after their last examination but not later than the last Wednesday of the term, unless their presence is required at Commencement.

The College supplies a bed, mattress, pillow, one pair of blankets, and all bed and table linen, but students should bring towels. It also provides a chest of drawers, mirrors, at least one chair, and in some houses a desk. These may not be removed from the room.

Furniture, trunks, and other possessions of students may be sent to their houses not more than five days before the opening of college. Measurements for draperies and covers may be taken only after the room is occupied.

The College assumes no liability for damage to the personal possessions of students in college buildings or for their loss by fire or theft. It is therefore suggested that insurance be taken out if it seems desirable.

A student who leaves personal possessions in the house does so at her own risk. Articles remaining unclaimed in a house for more than one year after a student has left college will be disposed of by the College.

A charge of \$5.00 is made for a radio. Laundry for students may be done at the college laundry at reasonable rates provided each article is marked with the student's name.

During the years of national manpower shortage the College is operating all houses under a co-operative plan of student work. Each student is expected to do up to four hours of work per week normally and more in times of emergency in addition to taking care of her own room.

HEALTH

The health of the students is under the supervision of the College Physician, assisted by four other full-time physicians. This includes care either at the office or in the College Infirmary when the student is ill in any way, and co-operation with other departments of the college in all matters having to do with either public or individual health. No charge is made to the students for care by the college physicians; however, in complicated cases, they may require consultation with local or out-of-town physicians or specialists. Bills will then be submitted by these physicians as in private practice elsewhere.

Students may remain in the Infirmary with routine nursing care for seven days each year without charge, but no more than three free days may be used for any one illness; beyond that time the charge is \$5 a day. If a student requires special nursing the usual charges for such care will be submitted.

The College has arranged to co-operate with a reputable insurance company in offering a voluntary insurance plan which protects the student over a twelve-month period, whether in residence at college or not. Students are strongly urged to take out this insurance which gives unusual protection in addition to that which the college offers without charge.

In the interests of individual and community health every student is expected to comply with the following regulations:

1. When a student receives a card asking her to report to the Doctors' office she must do so at the time indicated.

2. (a) If a student feels ill, has been injured, or has any sort of physical disability she should, if she is able to do so, go to the Doctors' office to consult one of the college physicians during office hours.
(b) At other times she should consult her Head of House. If the Head of House is out and the condition requires immediate attention the student should telephone the Infirmary.
3. If she is detained in her room because of illness the Head of House will give her a slip to sign reporting her case, and the Head of House will be responsible for its delivery to the Doctors' office. These slips must be made out at the time when the illness occurs.
4. If she is taken ill during an examination an immediate report should be made to the Doctors' office or to the Infirmary.
5. If she wishes to enter the College Infirmary for treatment or rest she should apply at the Doctors' office or consult her Head of House.
6. When she has been in an accident she must report to the Doctors' office within twenty-four hours even if she does not seem to be injured.
7. If she wishes to leave town for any type of medical treatment, dental care, or consultation with an oculist, she must first discuss the advisability of her plans with the College Physician.
8. If she becomes ill while away from college and is not able to return on schedule she must notify the College Physician as well as her Head of House. When she returns she must bring a note from her physician to the College Physician stating the nature of her difficulty and possible suggestions for her care.
9. If she is exposed to a communicable disease while in college she must report at once to the Doctors' office to learn how best to protect herself and her fellow students. If she is exposed elsewhere she must not return until she has communicated with the College Physician and has fulfilled whatever requirements may be suggested.

Students must comply with the preceding regulations in order that recommendations may be made to the Registrar and the Warden for excuses from classes missed or nights spent away from college because of illness.

EXPENSES

The registration fee of \$10 for application for admission to college is not refunded nor is it credited on any bill.

A deposit of \$50 is payable on or before July 1 of the year of her entrance by each student admitted to Smith College. If the deposit is not received at that time, the College reserves the right to determine whether and on what conditions students who wish to make later payment shall be admitted. This deposit will be retained until after graduation or withdrawal from college. Shortly after graduation the deposit, less any incidental outstanding charges, will be refunded. In case of withdrawal, if notice in writing is filed with the Registrar prior to July 1 in respect to the first semester or prior to December 1 in respect to the second semester, the deposit will be refunded; otherwise it will be forfeited.

The graduation fee of \$10 is payable by all Seniors at the beginning of their last semester. In case of failure to graduate this fee will be refunded.

One-half of the annual fees for tuition, board, and room must be paid in advance at the beginning of each semester. Semester bills are mailed to the home address about ten days before the beginning of the semester. Students who fail to pay

their regular semester bills within the first week of a semester or any other college bill within ten days of its date may be excluded from college. All college bills must be paid before a student is granted a degree.

Refunds will be allowed on students' bills only in extreme cases of which the College shall be the sole judge.

Each student is entitled to one transcript of her college record. A fee of \$1.00 will be charged for each additional copy.

Tuition and residence fee	\$1250.00
Nonresident fee	600.00
Fee for graduation	10.00
Fees for courses in practical music:	

Vocal or instrumental, for the college year:

One hour lesson a week	\$125.00
One additional half-hour lesson taken for extra credit	62.50
Courses in ensemble when given individually	50.00
Use of room for piano or vocal practice, one hour daily	10.00
Use of room for violin or other practice, one hour daily	5.00
Use of practice organs in John M. Greene Hall, one hour daily	25.00
Use of college orchestral instruments, one hour daily	10.00

Fees for classes in riding (optional):

	Freshmen	Sophomores
Fall term	\$30.00	\$45.00
Winter term	25.00	25.00
Spring term	25.00	37.50
Fall and spring terms if the entire fee is paid in the fall	45.00	72.50

The College reserves the right to change its fees at the end of any term if conditions should make it necessary.

Additional expenses, which can only be estimated, would include from \$25 to \$50 for books, about \$20 for subscriptions, dues, etc., and about \$50 for recreation and incidentals.

SCHOLARSHIPS, GRANTS, LOANS

Smith College, desirous of recognizing distinction and of aiding students of ability who are unable to meet their entire college expenses, offers scholarships of various amounts toward the payment of tuition and in some cases residence. Grants are awarded to students not of scholarship standing for which work up to six hours a week is done. The Self-Help Bureau (see page 50) makes it possible for students to earn some money. The Smith Students' Aid Society (page 50) makes loans to members of the three upper classes.

Applications for scholarships and grants should be addressed to the Director of Scholarships and Student Aid before March 1.

SCHOLARSHIPS

The principal of endowment funds for scholarship aid amounts to \$1,009,548, yielding under present conditions an income of \$30,964.54. To augment this sum the Trustees appropriate an additional amount each year from general income, and current gifts are received from clubs and branches of the Alumnae Association and from other organizations.

Freshman Scholarships. A certain number of scholarships are awarded by the College to incoming Freshmen of exceptional ability, the amount being based on financial need. These awards will be renewed annually if the student's academic work proves satisfactory to the Scholarship Committee of the Faculty.

The National Scholarships available for Freshmen are described on page 00.

Scholarships are awarded to students in college when written testimonials are made by persons not relatives that such aid is necessary, and these statements must be presented each year if the scholarship is to be renewed.

Free tuition (but not including charges for courses in practical music) may be granted at the discretion of the Trustees to undergraduates who have been residents of Northampton or of Hatfield for three years before the date of their admission to college, provided they are able to satisfy the full requirements for admission without condition; and this grant may be continued through their college course, provided they maintain diploma grade and conform to the regulations of the College, and continue to be residents of Northampton or of Hatfield.

The College awards fifteen scholarships in music each year.

Two tables of the value of \$75 each are maintained by the College at seaside laboratories for the benefit of students who show marked proficiency in the Departments of Zoology and Botany.

First Group Scholarships*

The following scholarships are awarded to students of highest academic standing:

The Neilson Scholarships. Fifteen scholarships, created by the Board of Trustees in honor of President William Allan Neilson on the completion of fifteen years of his administration, to be awarded annually to students in the first group of scholars in the three upper classes.

The Dwight W. Morrow Scholarships. Ten scholarships to be awarded to Seniors in the first group of scholars.

The William A. Neilson Scholarship fund for full tuition.

The Sophia Smith Scholarships. These scholarships are awarded without stipend to members of the three upper classes whose standing entitles them to a place in this group.

Endowment Scholarships

The endowment funds held by Smith College for scholarships are as follows:

The J. J. Albright Scholarship fund of \$6700.

The Susan Fuller Albright Scholarship fund of \$6500, founded by the Smith College Club of Buffalo, the income to be awarded to a student from Buffalo.

The Franklin Baldwin Scholarship fund of \$1200.

The Bartol Scholarship fund of \$72,713.80.

The Suzan R. Benedict Scholarship fund of \$10,020.47, the income to be awarded to undergraduates majoring in mathematics.

The Mary Nichols Billings Scholarship fund of \$5000, given by Mr. Charles E. Billings. According to the wish of the founder, in the award of this scholarship the daughters of missionaries or those preparing for foreign missionary work will receive the preference.

The Mildred Louer Bird Scholarship fund of \$16,000.

The Morris A. Black Scholarship fund of \$2000, the gift of a nongraduate member of the class of 1895.

The President Burton Memorial Scholarship fund of \$33,512.03. Two scholarships of \$750 are awarded to members of the Freshman class.

The Jean Cahoon Memorial fund of \$10,000.

* The list of holders of these and of the National scholarships for 1946-47 is printed under Honors and Degrees.

The John A. Callahan Scholarship fund of \$7084.04, the income to be applied yearly towards tuition for any pupils who have graduated at the Highland Grammar School in Holyoke, Massachusetts, now known as the Junior High School, and who have thereafter graduated at the Holyoke High School.

The James R. Campbell Scholarship fund of \$1009.97 for needy girls from New Hampshire or Connecticut, bequeathed by Miss Jennie Isabel Campbell 1893 in memory of her father.

The Bessie T. Capen Scholarship fund of \$5531.25 from the graduates and former students of the Capen School.

The Class of 1883 Scholarship fund of \$2126 in honor of Elizabeth Lawrence Clarke, Class President for fifty years.

The Class of 1887 Scholarship fund of \$10,000.

The Scholarship Fund of the Class of 1897, amounting to \$5682.87, the bequest of Lucy O. Hunt of that class.

The Sara Hunt Clough Memorial fund of \$1000, founded by Mr. Nathan P. Hunt, the income to be used preferably for daughters of graduate members of the class of 1895.

The Mildred E. Ford Cobb Memorial Scholarship fund of \$10,000, the income to be used for students from Cleveland or the vicinity.

The Katharine Baylis Cochran Scholarship fund of \$8000, the income to be awarded preferably to the daughter of a present or former missionary, minister, or educator.

The E. C. Converse Scholarship fund of \$50,000.

The Augusta E. Corbin Scholarship fund of \$8000, the gift of Mrs. James Owen Foss (Mabel Chick 1905).

The Charlotte Graves Cross Scholarship fund of \$5390, founded by Mr. Raymond W. Cross and Mr. Harvey B. Graves, the income to be given preferably to students from Rochester, N. Y., or vicinity. Application for this scholarship may be made through the Smith College Club of Rochester.

The Vivian Bubb Decker Scholarship fund of \$1000, given by Mrs. Bernice Decker Taylor 1919 for students of vocal music.

The Mary D. Dey Scholarship fund of \$5000, the gift of Mrs. Donald Dey 1884, alumnae trustee from 1896 to 1902. This scholarship is to be awarded to members of the three upper classes, preference being given to daughters of clergymen and teachers.

The Anna N. Dice and John William Dice Memorial Scholarship fund of \$2000, given by their sister Miss Elizabeth Lind Dice 1905.

The Elizabeth Lind Dice and John Dice Memorial Scholarship fund of \$3000, founded by their daughter Elizabeth, the income to be awarded to a Freshman or a Sophomore.

The Elizabeth Lind Dice 1905 Scholarship fund of \$1000, given by her brother Mr. Louis Robinson Dice, the income to be awarded to a Freshman or a Sophomore.

The Mary Carter Duncan Scholarship fund of \$10,000.

The Elizabeth Edwards Memorial Scholarship fund of \$5000, founded by Mr. and Mrs. George S. Edwards.

The Constance Elaine Memorial Scholarship fund of \$5000, founded by Miss Caroline Phelps Stokes. The benefit of this scholarship is for young women who intend to be teachers, preference being given to those living outside of the United States; failing applicants from abroad, to students from Massachusetts or Connecticut.

The Elizabeth S. Fisk Memorial Scholarship fund of \$2000.

The Ida E. Fisk Memorial Scholarship fund of \$2000, bequeathed by Miss Elizabeth S. Fisk 1895.

The Marietta Miles Fisk Memorial Scholarship fund of \$2000, also bequeathed by Miss Fisk.

The Elizabeth Fobes Scholarship fund of \$1000, founded by Miss Elizabeth Fobes in memory of her niece.

The Mary P. Fowler Scholarship fund of \$15,000, the income to be used for a deserving student who shall at the end of her Junior year be judged to be pre-eminent for scholarship and for the power of leadership among her fellow students.

The Emily Frink Scholarship fund of \$2000.

The Fannie Furman Memorial Scholarship fund of \$10,000, founded by the Smith College Club of Rochester, N. Y.

The Eleanor N. Gaffield Scholarship fund of \$10,000, a bequest of Mrs. Minnie N. Gaffield in memory of her daughter.

The Gamble Scholarship fund of \$2000.

The Gannett Memorial Scholarship fund of \$2000, given by the Gannett Association of Boston in memory of Reverend George Gannett, Principal of the Gannett Institute of Boston, on the condition that applicants who are nominated by the executive committee of the Gannett Association and who present satisfactory evidence of high scholarship shall be preferred in the award. When no such applicant is presented, the scholarship may be awarded at the discretion of the college authorities.

The Carrie L. W. and Marion Gary Scholarship fund of \$12,437.23, the income to be used for students from Vermont if possible.

The Jessie S. R. Goldthwait Scholarship fund of \$10,000.

The Mary Louise Brown Graham Scholarship fund of \$8840 (formerly the Smith College Club of Pittsburgh fund), the income to be awarded preferably to a student from the vicinity of Pittsburgh.

The Ellen Clarissa Gross Scholarship fund of \$8000, founded by Mrs. Woods Chandler (Helen C. Gross 1905) in memory of her mother.

The Charlotte C. Gulliver Memorial Scholarship fund of \$10,040, given by the class of 1883.

The Julia Henrietta and Mary Gulliver Scholarship fund of \$9528.48.

The Anna Laura Holbrook Scholarship fund of \$14,508.56.

The Esther R. Holmes Scholarship fund of \$6000.

The Lucia Maria Houpt Scholarship fund of \$2500, the gift of Mr. Wilbur E. Houpt in memory of his daughter, Lucia Maria Houpt 1912, the income to be given to that student who shall show natural and cultivated talent in art, and who needs assistance to continue her study.

The William Bertram Imlach Scholarship fund of \$8650.82, the income to be used for a scholarship in drawing and painting.

The Caroline E. Kilbon Scholarship fund of \$200.

The Jessie Stevenson Kovalenko Scholarship fund of \$5000, given in her memory by her husband, Mr. Michael S. Kovalenko, the income to be awarded preferably to a student majoring in French or English.

The Mary Lanning Memorial Scholarship fund of \$5000, founded by Mr. and Mrs. W. H. Lanning of Hastings, Neb. This scholarship is awarded to a Sophomore.

The Latin-American Scholarship fund of \$7500, given by the class of 1890. This

scholarship is for a student from a Latin country, or, if no such applicant is presented, to a student from some other foreign country.

The Alice and Florence Lord Scholarship fund of \$5023.64.

The Beatrice Austin Manning Scholarship fund of \$12,000 for the benefit of descendants of the class of 1902.

The Maplewood Institute Memorial Scholarship fund of \$5000, founded by the Maplewood Institute Association of Pittsfield.

The Helen Ayer Marden Scholarship fund of \$1000, the gift of Mrs. Frank W. Marden for students of vocal music.

The Nellie Eddy Mudge Scholarship fund of \$2000, founded by Dr. Seldon J. Mudge.

The Miriam Myers Memorial Scholarship fund of \$5000, given by Mrs. Guy C. Myers in memory of her daughter, Miriam Myers 1933, the income to be used preferably for a student majoring in history.

The Harriet and Gurdon Pellett Memorial Scholarship fund of \$3177.55, founded by Miss Sarah Frances Pellett 1882.

The Elizabeth Bartlett Phillips Scholarship fund of \$5000, the gift of Mr. James Phillips, Jr.

The Ellen Plimpton Scholarship fund of \$6000, given by Mrs. Elsie Fay Jordan 1892 in memory of her mother.

The Edith Nichols Putney Memorial Scholarship fund of \$1771.49, founded by the XYZ Club of Erasmus Hall and Newtown High Schools of New York City, a mathematics club organized and directed by Miss Putney 1899.

The Christina Rounds Memorial Scholarship fund of \$6000, given by the Alumnae Association of Miss Rounds's School (Brooklyn), the income to be awarded preferably to students from Brooklyn.

The Lucy J. Russell Scholarship fund of \$1000.

The Benjamin and David Scharps Scholarship fund of \$2500 established by Benjamin Scharps, the income to be awarded for proficiency in pianoforte playing.

The Alice Goodwin Schirmer Scholarship fund of \$5000.

The Edith Scott 1909 Scholarship fund of \$8000, founded by Mr. Walter Scott of New York, given preferably to a Senior.

The Sadie D. Scott Scholarship fund of \$8000, also founded by Mr. Scott.

The Emma E. Scranton Scholarship fund of \$1000, given by the friends of Miss Scranton.

The Seaver Scholarship fund of \$2000.

The Edith Dudley Sheldon Scholarship fund of \$1500.

The Elsie Damon Simonds Scholarship fund of \$20,225, the income to be awarded to students from Fitchburg or from Massachusetts.

The Andrew C. Slater Scholarship fund of \$4000, the income to be given preferably to a Junior or Senior from Massachusetts.

The Anna Margaret Sloan and Mary Sloan Scholarship fund of \$13,664.58, the income to be awarded to students who are especially interested in the study of philosophy or psychology.

The Louise Smith Scholarship fund of \$51,585.51.

The Smith College Club of Buffalo Scholarship fund of \$100.

The Smith College Club of Cincinnati Scholarship fund of \$10,373.52.

The Smith College Club of Cleveland Scholarship fund of \$4015.53.

The Smith College Club of Detroit Scholarship fund of \$7058.90 for full tuition for a student preferably from Detroit or Michigan.

The Evanston-North Shore Smith College Club Scholarship fund of \$5249.98.
The Smith College Club of Fitchburg Scholarship fund of \$5000.

The Smith College Club of New Haven Scholarship fund of \$9418.24 for full tuition to be awarded to a student from New Haven.

The Smith College Club of New York Scholarship fund of \$15,000 for two full scholarships for students from New York.

The Smith College Club of Philadelphia Scholarship fund of \$4107.53.

The Smith College Club of Rhode Island Scholarship fund of \$11,869.28 for full tuition to be awarded preferably to a student from Rhode Island.

The Smith College Club of Seattle Scholarship fund of \$3361.28 for full tuition.

The Smith College Club of Winchester Scholarship fund of \$400.

The Emily Hitchcock Terry Memorial Scholarship fund of \$3000, the income to be given to a student of the Department of Botany.

The Helen Rand Thayer Scholarship fund of \$10,000 to be used for New Hampshire students recommended by the New Hampshire Smith College Club.

The Julia Ball Thayer Scholarship fund of \$6000, founded by Miss Julia Beatrice Thayer for the education preferably of students from Keene, N. H.

The Eva I. Titman Scholarship fund of \$5000, the income to be given to a Junior majoring in history.

The Roslyn Titman Scholarship fund of \$5000, the income to be given to a Junior majoring in sociology.

The Rodney Wallace Scholarship fund of \$10,000, established by Mr. Herbert I. Wallace and Mr. George R. Wallace as a memorial to their father, the Hon. Rodney Wallace of Fitchburg, for twenty-five years trustee of Smith College.

The Sophia Billings Wallace Scholarship fund of \$5000, given by Mr. Rodney Wallace.

The Sophia Ingalls Wallace Scholarship fund of \$5000, the gift of Mr. Rodney Wallace.

The Julia Carolyn Weston Scholarship fund of \$10,000, founded by Mr. John McWilliams in memory of his wife, a member of the class of 1900. The income is to be awarded preferably to a student from California, or, failing that, to a student from the Pacific Coast area.

The Margaret White Memorial Scholarship fund of \$5000.

The Hiram Whittington Scholarship fund of \$10,000, bequeathed by Miss Amy W. Eggleston 1895 in memory of her father.

The Wood Scholarship fund of \$10,000.

The Robert M. Woods Memorial Scholarship fund of \$5000.

National Scholarships

The Seven College Conference, an informal association of Barnard, Bryn Mawr, Mount Holyoke, Radcliffe, Smith, Vassar, and Wellesley Colleges, offers annually twenty-one scholarships to incoming freshmen, each college offering one in each of the three districts: Middle West (Kansas, Missouri, Nebraska), South (Louisiana, New Mexico, Oklahoma, Texas), West (California, Oregon, Washington). These scholarships vary in amount from \$100 to full expenses for tuition and residence.

Information and application blanks may be obtained from Mrs. F. Murray Forbes, Jr., 21 Beaver Place, Boston 8, Massachusetts.

Residence Scholarships

Residence scholarships are awarded in three co-operative houses. Entering students desiring rooms in one of these houses should make special application to the Director of Scholarships and Student Aid not later than March 1 of the year when admission is desired. Upperclass students apply for rooms in person at a time specified in the *Weekly Bulletin*.

Lawrence House and Albright House offer opportunity to one hundred and twenty-five students to reduce their living expenses. Board and room may be had in these houses for \$450 for the college year. Each student is expected to give approximately an hour a day to the work of the house in addition to the care of her own room.

Tenney House, originally established as the gift of Mrs. Mary A. Tenney, is not open to Freshmen. In this house the students co-operate in the purchase of food and in the duties of housekeeping. The cost for a room in Tenney House is \$150 for the year; current prices determine the cost of supplying the table.

In memory of Mrs. Tenney ten scholarships have been established known as the Tenney Residence Scholarships. These consist of \$100 each to be applied toward residence in any college house. They are awarded to students of approved character and scholarship in the three upper classes upon the recommendation of a committee consisting of Miss Mensel and Miss Lincoln.

A residence scholarship is awarded each year from the income of the Charles M. Thayer Memorial fund of \$3000 by the Committee on the Tenney Scholarships.

The White Lodge Scholarship is awarded annually by the President and the Warden.

FELLOWSHIPS

The list of fellowships awarded for graduate work and of those open to students from foreign countries will be found under Graduate Study.

SELF-HELP BUREAU

The College undertakes general supervision of the remunerative work done by undergraduates. Students wishing any kind of employment during the college year should register with the Director of Scholarships and Student Aid, and advice is gladly given in person or by correspondence on the subject of student earnings. Only a limited amount of work is available, most of which is given to students of the three upper classes. Entering students can rarely do much outside work without damage to health or scholarship, so that it is undesirable for a girl to come to college without a good reserve fund to meet the greater amount of the expenses of the first year.

A few upper-class students may be appointed as full self-help students, doing twenty-one hours of work a week in the houses. They will pay a reduced fee for room and board.

SMITH STUDENTS' AID SOCIETY

The Smith Students' Aid Society, Inc., organized in 1897, offers, to the extent of its means, loans of varying amounts to students of approved scholarship and character from the three upper classes. Loans granted shall become due as follows: ten per cent on May 1 of the first year following that in which the borrower's class graduated from Smith College; thirty per cent one year later; and sixty per cent two years later. Interest at six per cent shall begin to run after the said ma-

turity dates. Applications for loans may be made to Miss Eleanor T. Lincoln, 16 Paradise Road, Northampton. Contributions to the work of this Society may be sent to its treasurer, Miss Emma B. Proctor, College Hall, Northampton.

PRIZES

The Alpha Awards are made annually by a committee of the Faculty for excellence in the fields of creative writing, dance, drama, technical art, practical music or composition.

In 1946 Alpha pins were awarded to Madeline Sherman, Claire Nicolas, Ruth Hunsaker, Eileen Shatz, and Nancy Ewart, all of the class of 1946.

The Elizabeth Babcock Poetry Prize fund of \$2500 established by Miss Edith L. Jarvis 1909 in memory of Elizabeth Babcock ex-1911. The income is to be awarded annually for the poem adjudged best by a committee appointed by the Department of English. The competition is open to all undergraduates except those who have already won the prize, and the poem submitted may not have been printed previously.

Awarded to Janet Ross 1946 for verses entitled "New England Mosaics."

The Harriet Dey Barnum Memorial Prize fund of \$300, founded by the class of 1916, the income to be used for outstanding work in music.

Awarded to Patricia Maude Busler 1946.

The Suzan Rose Benedict Prize fund of \$1085.47, the income to be awarded at the discretion of the Department of Mathematics to a Freshman or Sophomore who has done outstanding work in differential and integral calculus, the decision being made by the Department.

Awarded to Elizabeth Graham Baker 1948.

The Samuel Bowles Prize fund of \$2002.69, the income to be awarded to a Senior for the best thesis on a sociological or economic subject.

In 1946 awarded to Barbara Ann Feinn for her paper on "The Smaller War Plants Corporation: Its Role in the Protection of American Small Business, 1942-45."

The John Everett Brady Prize fund of \$2000, the income of which is awarded for excellence in translating Latin prose and verse. A special examination is set in the spring.

In 1946 awarded to Ethelwyn Patricia Lindsey 1947.

The Margaret Wemple Brigham Prize fund of \$850, established in her memory by friends and associates of the Division of Laboratories and Research of the New York State Department of Health, the income to be awarded to a Senior for excellence in bacteriology.

Awarded to Jeanne McClellan Bowersox 1946.

The Amey Randall Brown Prize fund of \$2000, given by Miss Mabel Brown 1887 in memory of her mother. The income is to be used as a prize for the best essay on a botanical subject.

The Vera Lee Brown Prize fund of \$1000, the income to be awarded for excellence in history to a candidate for Honors on recommendation of the Department.

The Yvonne Sarah Bernhardt Buerger Prize fund of \$5000, the income to be awarded to the undergraduate who has contributed most vitally to the dramatic activities of the college.

Divided among Ann Hobbet Ganong, Helen Byrne Hackett, Ruth Hunsaker, Francine Sharon Schoenholtz, and Corinne Joyce Shapira 1946.

The James Gardner Buttrick fund of \$1000, given by Mrs. Buttrick in fulfillment of her husband's wish, the income to be used for a prize for the best essay on a

subject in the field of religion and biblical literature suggested by a course in that Department and approved by the instructor.

The Julia Harwood Caverno Prize fund of \$2000, the income of which is given to an undergraduate for proficiency in Greek language and literature to be tested by an examination upon an assigned portion of Greek literature: in 1945-46, the *Odyssey*, Books XIX and XXIII. In 1947 the examination will be based on the *Iliad*, Books XVII and XIX; in 1948, on the *Odyssey*, Books IX and X.

Awarded to Margaret Randolph Merrick 1947.

The Sidney S. Cohen Prize fund of \$2500, the income to be awarded at the discretion of the Department of Economics.

Awarded to Agnes Elizabeth Broadfoot 1946.

The Dawes Prize fund of \$1898.57, the income to be awarded for the best undergraduate work in political science.

Divided among Frances McMurtrie Barber, Ruth Elyachar, and Nancy Diana Mann 1946.

The Alice Hubbard Derby Prize fund of \$2555.34, the bequest of Mr. Henry R. Lang in memory of his wife, a member of the class of 1885. The income is to be used for prizes awarded by the Classics Department to students of the Junior and Senior classes who have shown special proficiency in the study of Greek literature in the original in the year in which the awards are made.

Divided between Katharine Bowne Fox and Lucile Gardner 1947.

The Hazel L. Edgerly Prize fund of \$500, founded in memory of Hazel Louise Edgerly 1917, the income to be awarded on the recommendation of the Department of History to a Senior for excellence in history.

The Settie Lehman Fatman Prize fund of \$5000, the income to be awarded for the best musical composition in sonata form by a member of the Senior class or a Graduate Student who is taking Music 42 or 52.

The Henry Lewis Foote Memorial Prize fund of \$500, given by his wife Mrs. Harriett Risley Foote 1886, the income to be awarded for excellence in classwork in the Biblical courses, 16, 22, 25a, 27a and b, 36a and b.

Awarded to Anne Hutchison Adams Reppert 1947.

The Clara French Prize fund of \$5000, founded by Mrs. Mary E. W. French, the income to be given to that Senior who has advanced farthest in the study of English language and literature.

Awarded to Lois Janet Lichenstein.

The Helen Kate Furness Prize fund of \$1000, founded by Horace Howard Furness, the income of which is given for the best essay on a Shakespearean theme. There is no restriction on the length of the essays, but in general they are not to be shorter than 4000 nor longer than 10,000 words. The competition is open to all undergraduates. The subject for 1946-47 is "In his plays Shakespeare does not so much present us with conclusions about his characters as discern qualities in them"; for 1947-48, "Sentiment and Sentimentality in Shakespeare's Plays."

The Sarah H. Hamilton Memorial Prize fund of \$2000, given by her sister Mrs. Julia H. Gleason, the income to be awarded for an essay on music.

Awarded to Louise Goodwin Lacy 1948.

The Arthur Ellis Hamm Scholarship Prize fund of \$5000, founded by Mrs. Elizabeth Creevey Hamm 1905 in memory of her husband, Captain Arthur Ellis Hamm, the income to be awarded to a Freshman on the basis of the year's record.

Divided among Rhoda Mary Dorsey, Carol Rita Newton, Elizabeth Manby Starck, and Rosamond Gale Tryon.

The Frances A. Hause Memorial Prize fund of \$1000, founded in memory of Frances A. Hause 1922, the income to be awarded to the Senior who has majored in chemistry and has made the best record in that subject.

Awarded to Katharine Powell.

The Mary Augusta Jordan Prize, consisting of a replica in bronze of the medal given to Miss Jordan in 1921 by the alumnae, is awarded by them through the prize committee of the English Department to a Senior for the most original piece of literary work in prose or verse composed by her at any period of her undergraduate course in Smith College. No restriction is made as to subject, style, or length; and the composition may have formed part of the requirements of college study or have been already printed. Care should be taken about the appearance of any manuscript submitted. The work adjudged best may be printed in *The Smith Alumnae Quarterly*.

Awarded to Madeline Sherman for a collection of poems.

The Emogene Mahony Memorial Prize fund of \$500, founded by Miss Ethel Haskell Bradley 1901, the income to be given for proficiency in organ.

The Mrs. Montagu Prize fund of \$400, founded by Mrs. Abba Louisa Goold Woolson in honor of Mrs. Elizabeth Montagu, the income to be awarded for the best essay on the women of Dr. Johnson's time.

The Victoria Louise Schrager Prize fund of \$2000, given in her memory by her family and Miss Marjorie Hope Nicolson, the income to be awarded annually to a Senior who has maintained a distinguished academic record and has also taken an important part in student activities.

Awarded to Mary Elizabeth Harnden.

The Andrew C. Slater Prize fund of \$1000, the income of which is awarded to an undergraduate for excellence in debate.

The Frank A. Waterman Prize fund of \$335, the income to be awarded to a Senior who has done excellent work in physics.

Awarded to Irene Margaret Cooney.

PHI BETA KAPPA SOCIETY

The Zeta of Massachusetts Chapter of the Phi Beta Kappa Society was established at Smith College during the year 1904-05, and the first undergraduates were elected to membership in April. In 1920 provision was made for the election of a small number of Juniors. Rules of eligibility are established by the Chapter in accordance with the regulations of the national society.

Through the Committee on Graduate Study the Chapter awards the sum of \$50 to a Senior who deserves and needs help in doing graduate work or research.

In 1946 awarded to Anne Bacon Worden.

SOCIETY OF THE SIGMA XI

Smith College was the first woman's college to be granted a charter for the establishment in 1935 of a chapter of the Society. Every year the Chapter elects to membership Seniors who excel in two or more sciences and promising graduate students.

Each year, in order to further scientific interest in the student body, a plaque is awarded to the house whose students have the highest grades in science.

Awarded in 1946 to German House.

THE VOCATIONAL OFFICE

The chief function of the Vocational Office is twofold, guidance and placement work. Interviews are held with students of all classes to assist them in selecting their future occupations and in relating their college courses of study to these occupations. Lectures on the various fields of work open to women are held during the autumn and winter terms. Placement work is carried on for the benefit of the alumnae and seniors. Underclassmen are also assisted in finding summer positions to aid them financially and to give them experience valuable in choosing their future work and in securing permanent positions.

The Vocational Office also serves as a clearing house for the letters of recommendation of seniors and alumnae who have registered with it. These letters are sent upon request to prospective employers, scholarship committees, etc. Address, Mrs. Marjory P. Nield, Director, Smith College, Northampton.

THE PHYSICAL PLANT

COLLEGE HALL, dedicated in 1875 at President Seelye's inauguration, is the main administrative building of the college.

SEELYE HALL, given by friends of President Seelye with the understanding that the building should bear his name, contains department offices, classrooms which seat over fifteen hundred students, and the laboratories of the Department of Geology and Geography.

HATFIELD HALL, formerly Hatfield House, was transformed into an academic building in 1926, providing needed seminars and classrooms, and space for the Museum of Classical Antiquities and the laboratory of phonetics.

GILL HALL is used by the Department of Education and Child Study for the Smith College Day School. In addition to the classrooms there is an assembly hall seated for two hundred. Adjoining is a large playground.

FAUNCE HALL, formerly the gymnasium of the Capen School, now with offices, classrooms, and a lecture hall, is used principally by the Department of Speech.

PIERCE HALL, until 1924 the music building, was then named in honor of Arthur Henry Pierce, Professor of Psychology from 1900 to 1914, and is devoted mainly to that Department.

SAGE HALL, named in honor of Mrs. Russell Sage and built out of the Four Million Dollar Endowment Fund, is the music building, containing an auditorium seating over seven hundred equipped with a Hammond organ and apparatus for sound motion pictures, a library and a collection of about five thousand records, classrooms, offices, and practice rooms.

JOHN M. GREENE HALL, given by Mr. John D. Rockefeller and other donors, and named in honor of the Reverend John Morton Greene seats nearly twenty-three hundred people. In addition to the exceptionally fine four-manual organ which was presented by the class of 1900 as a memorial to Mrs. Cornelia Gould Murphy, there are two accessory two-manual organs.

THE LIBRARY, the gift of Mr. Andrew Carnegie, alumnae, and students, now contains 329,342 volumes, this number including those books and pamphlets housed for greater convenience in the libraries of the art, music, and science buildings. The open-shelf system permits free access to all books. In the Library building there are department seminar rooms, a large reference room, general reading and study rooms, a Rare Book Room, and a room for the college archives. The Browsing Room, furnished like a private library and lined with shelves holding the works

of standard authors in the best editions, offers opportunity for and encourages leisure-hour reading. A wing was built in 1937 to add space for more stacks, and provide carrels, seminar rooms, offices for staff and instructors, and a small chapel.

LILLY HALL OF SCIENCE contains the lecture rooms, laboratories, and library of the Department of Physics. It was the gift of Mr. Alfred Theodore Lilly, of Florence, Massachusetts.

BURTON HALL, a building of modern fireproof construction provided with the best equipment for the study of the biological sciences, was named for President Burton, and was opened for use in September, 1914.

STODDARD HALL, in part the gift of the class of 1895 and their friends, and named in honor of John Tappan Stoddard, professor in Smith College from 1878 to 1919, was built in 1898 and enlarged by an addition in 1918. It is fully equipped with lecture room, library, laboratories, classrooms, offices for instructors, and the latest appliances for chemical work.

THE OBSERVATORY with its original equipment was given by President L. Clark Seelye and Mr. A. Lyman Williston in honor of their wives, Henrietta Chapin Seelye and Sarah Tappan Williston. Additions to the building and equipment were made possible by the Eliza Appleton Haven Fund. The instruments include equatorial telescopes of eleven and six inches aperture, a three-inch Ross camera, a four-inch transit instrument with zenith level, and other apparatus for teaching purposes. The flat roofs of the Observatory and the Library wing furnish ample space for naked-eye observing.

THE HILLYER GALLERY, named for Mr. Winthrop Hillyer whose gift and bequest made this first art gallery possible, is provided with studios and exhibition rooms, a library of art in memory of Mr. Drayton Hillyer, a collection of approximately thirty thousand photographs and twenty-eight thousand slides. Graham Hall, a lecture hall fitted with lantern and screen, was added through the generosity of Mrs. Christine Graham Long 1910.

When the TRYON GALLERY was presented to the college by Mr. and Mrs. Dwight W. Tryon, most of the paintings, prints, and other works of art were transferred to it from the Hillyer Gallery. There are galleries for loan exhibitions, which are arranged under the auspices of the Museum of Art to supplement the permanent collections.

THE ALUMNAE GYMNASIUM, given by the alumnae and their friends in 1891, contains a hall arranged for gymnastic exercise and indoor sports, a bowling alley, and a faculty squash court.

THE SCOTT GYMNASIUM was named in honor of Mr. Walter Scott and built out of the Four Million Endowment Fund. In it are a large hall for indoor gymnastic work, a hall for corrective gymnastics, a dance room, and a swimming pool 23 by 75 feet.

THE STUDENTS' BUILDING, built mainly by the efforts of the students and the alumnae in 1903, and designed to be the center of the social life of the students, contains a small theater and rooms for student organizations and departmental clubs.

THE LYMAN PLANT HOUSE, the gift of Mr. Edward Hutchinson Robbins Lyman in memory of his mother, Anne Jean Lyman, comprises nine greenhouses illustrating the vegetation of different climates and providing material for laboratory study, together with physiological and horticultural laboratories.

Adjoining the Plant House is the BOTANIC GARDEN, an herbaceous garden designed for horticultural study, with sections to illustrate plant classification and

habits. Arranged about the college grounds are smaller gardens and a collection of numerous varieties of native and imported trees and shrubs.

THE ELIZABETH MASON INFIRMARY, the cost of which was met by a fund raised by the Alumnae Association, was opened in 1919. Its name commemorates Mrs. Elizabeth Mason Howland, a graduate of the class of 1904 and a daughter of Mr. Frank H. Mason of Akron, Ohio, whose gift completed the fund. It is a fireproof building carefully designed to serve the peculiar purposes of a college infirmary, and can accommodate sixty students. The Florence Gilman Pavilion which is partly completed increases the facilities for the care of students.

THE ELISABETH MORROW MORGAN NURSERY SCHOOL, acquired through the bequest of Mrs. Morgan 1925, occupies a site adjoining the Smith College Day School.

THE ALUMNAE HOUSE, presented to the College by the Alumnae Association in 1938, contains offices for the Association staff, rooms for the use of the alumnae and the college including a conference room seating two hundred and forty.

THE RECREATION FIELDS, over thirty acres in extent, including the Allen Field, the gift of Mr. Frank Gates Allen, of Moline, Illinois, and the New Athletic Field, afford opportunities for such sports as hockey, tennis, archery, cricket, volley ball, clock golf, and basket ball.

THE BOATHOUSE has accommodation for canoes, rowboats, and eight rowing machines. THE CREW HOUSE houses eight rowing shells and includes a large recreation room.

THE FIELD HOUSE was built on the New Athletic Field in the summer of 1939 with funds given by the classes of 1938 and 1939, the undergraduates, the Athletic Association, and the Trustees. Besides storage space for athletic equipment and skates and skis, it contains a lounge, a kitchenette, a small meeting room, and dressing rooms for men and women.

DORMITORIES. There are thirty-six dormitory units affording accommodation for about two thousand students. The list may be found on page 30.

Besides these buildings which have been listed the College owns a large laundry, a riding stable with outside ring, about fifty houses occupied by members of the Faculty and staff, garages, and buildings used by the Department of Buildings and Grounds.

ADMISSION OF STUDENTS

STUDENTS may be admitted to Smith College as candidates for the degree of Bachelor of Arts, either as members of the Freshman class, or as members of the Sophomore or Junior classes with advanced standing. The Board of Admission attempts to select from the complete list of applicants those students whose records of character, health, and scholarship give evidence of their equipment for college and indicate the greatest promise of their profiting by its advantages.

APPLICATION FOR ADMISSION

Forms of application will be furnished upon request to the Board of Admission. A registration fee of ten dollars, which is not refunded, must accompany each application card. Early application is advisable in order to insure the prompt completion of all preliminary arrangements. Rooms are assigned to entering students in the order of their original dates of application. The date of application is not considered, however, in the selection of candidates.

ENTRANCE REQUIREMENTS

The normal secondary school program which the College recommends consists of sixteen units, and should be distributed as listed below. A unit represents work involving four or five exercises a week for the whole school year, except in biology, chemistry, or physics in which a unit involves three periods of recitation and four of laboratory a week.

REQUIRED SUBJECTS

English	4
Languages	5

French, German, Greek, Italian, Latin, Spanish

Of the five required units three (or two) must be in Latin, Greek, or German.

No credit will be given for one unit of a foreign language

Mathematics* and Science	3
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Algebra 2 and geometry 1, or algebra 1, geometry 1, and science 1 (biology, chemistry, physics)

History	1
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Ancient, European, English, American

ELECTIVE SUBJECTS

Languages

French, German, Greek, Italian, Latin, Spanish

Any amount up to four units in any of the languages listed

Mathematics and Science

Advanced Algebra $\frac{1}{2}$

Solid Geometry $\frac{1}{2}$

Plane Trigonometry $\frac{1}{2}$

Biology, chemistry, physics, hygiene†

History and Social Sciences

One or two additional units

* This requirement may be covered by integrated courses in mathematics or by separate courses in algebra and geometry.

† A detailed outline of the course, signed by the instructor, must be submitted to the Board of Admission for approval.

Art (Technical or History of Art)*

Music (see page 61)

Bible†

Able students who find it impossible to meet the requirements in languages will be considered for entrance with fewer units in this field provided they offer at least five units in mathematics and science. Similarly able students who find it impossible to meet the requirements in mathematics and science will be considered for entrance with one unit of algebra and one of geometry provided they offer at least seven units in languages.

Schools offering curricula not readily adjustable to the recommended pattern of subjects are advised to consult the Board of Admission in order to assure themselves that candidates from these schools are eligible for admission. The Board of Admission is willing to consider courses other than those recommended, especially if the work is organized in sequences of study.

Smith College is planning to make certain revisions in its curriculum which will be effective with the class entering in 1947. Under this curriculum the departments will be divided into three groups as follows:

Group I. The Humanities: Art, Classics, English, French, German, Italian, Music, Philosophy, Religion and Biblical Literature, Slavic, Spanish, Speech, Theatre.

Group II. Social Sciences and History: Economics, Education and Child Study, Government, History, Sociology

Group III. Natural Sciences and Mathematics: Astronomy, Botany, Chemistry, Geology and Geography, Hygiene and Bacteriology, Mathematics, Physics, Psychology, Zoology, and Physical Education.

The Board of Admission plans to reconsider the question of entrance requirements during this year and will probably make some changes that it hopes will effect a better correlation between the entrance requirements and the changed curriculum.

METHODS OF ENTRANCE

It is advisable, whenever possible, for the candidate to communicate with the Board of Admission well in advance of entrance—if possible during the third year of secondary school—in order that the College may assist her in planning her work, and may give her information and advice concerning her entrance plans. All candidates, through their schools, must submit to the Board of Admission reports covering the courses pursued in the secondary school, with the grades obtained. The College requires also satisfactory credentials from the school as to the student's character and fitness to do college work. Before the student is finally admitted, she must submit to the College Physician a full history of her health. A blank for this purpose will be sent to the student when she is notified of the decision of the Board of Admission in May.

All candidates for entrance to the Freshman class are required to take the Scholastic Aptitude Test and three sections of the Achievement Test, given by the College Entrance Examination Board, and are held responsible for making application to this Board in Princeton, New Jersey.

The Scholastic Aptitude Test, which consists of a verbal and a mathematical section, must be taken in its entirety. It is a test of aptitude rather than accomplishment, and requires no special preparation.

* Schools offering courses in technical art or history of art for entrance credit for the first time should consult with the Board of Admission before allowing students to elect these courses for this purpose.

† A detailed outline of the course, signed by the instructor, must be submitted to the Board of Admission for approval.

The Achievement Test is made up of ten sections—English, social studies, biology, chemistry, physics, French, German, Latin, Spanish, spatial relations—of which each candidate will be expected to take English, a foreign language, and either social studies or science (or spatial relations in exceptional cases).

These Achievement Tests (with the exception of English) are the objective type; they attempt to sample a candidate's knowledge and cover very broad fields. The tests should be taken in stride without special preparation and without speeding up the school program. They have been so constructed that ample opportunity is allowed for students to secure good scores on the basis of work well done during the school year between September and April.

The school record and recommendations and other information secured by the College concerning the candidate's health, character, and general ability will be, as formerly, determining factors in the selection of the entering class.

All candidates are urged to take the Scholastic Aptitude Test and the Achievement Tests in April if possible, as this plan will enable the Board of Admission to make their decisions at an earlier date, and will be helpful to the students in making their plans for the coming year. These Tests will be given again in June and in August, and those candidates who register too late for the April series may take them in June.

JUNIOR CANDIDATES

We advise all eleventh-grade candidates to take the Scholastic Aptitude Test (verbal and mathematical sections) in June of the junior year and three sections of the Achievement Test in April of the senior year. If the scores made by a student on the Scholastic Aptitude Test are not satisfactory they will be considered as preliminary test scores and will not count against the student's entrance record.

REGENTS' EXAMINATIONS

Candidates from New York State public schools may offer Regents' examinations of *high standing* in addition to the Scholastic Aptitude and Achievement Tests given by the College Entrance Examination Board in April. Candidates are held responsible for seeing that the official reports on the Regents' examinations taken through the first half of the senior year are sent to us from Albany before April 1, and that the final reports are sent to us before July 1. Final selection of all candidates is made upon a competitive basis by the Board of Admission after consideration of all evidence.

FOREIGN EXAMINATIONS

Certain examinations given under the direction of foreign examining bodies will be accepted by Smith College. Applicants are advised to communicate with the Director of Admission well in advance of entrance in order that the College may advise them concerning their entrance plans. All candidates from foreign countries will be expected to take the Scholastic Aptitude and Achievement Tests given by the College Entrance Examination Board.

GENERAL INFORMATION ABOUT THE COLLEGE BOARD REGULATIONS

In 1946-47 the College Entrance Examination Board will give the Scholastic Aptitude Test (including verbal and mathematical sections) and the Achievement Tests December 7, April 12, June 7, and August 27. The afternoons of these same days a Special Aptitude Test for Veterans will be given at all examination centers.

For further information inquiries should be addressed to the College Entrance Examination Board.

A *Bulletin of Information* containing rules for the filing of applications and the payment of fees, lists of examination centers, etc., may be obtained without charge from the College Entrance Examination Board.

Candidates should make application by mail to the College Entrance Examination Board, Box 592, Princeton, N. J. Blank forms for this purpose will be sent to any teacher or candidate upon request. When ordering the forms candidates should state whether they wish to take the December, April, June, or August tests.

In order to facilitate the arrangements for the conduct of the tests all applications should be filed as early as possible. Each application should be accompanied by the fee of \$9. The fee for the Scholastic Aptitude Test taken alone is \$5; for the Achievement Tests alone \$6. Applications and fees should reach the office of the Board not later than the dates specified: For examination centers in the United States east of the Mississippi River or on the Mississippi, November 16 for the December Series, March 22 for the April, May 17 for the June, and August 6 for the August; west of the Mississippi River or in Canada, Mexico, or the West Indies, November 9, March 15, May 10, and July 30 respectively; outside of the United States, Canada, Mexico, and the West Indies, October 19, February 22, April 19, and July 9. Belated applications will be subject to a penalty of \$3 in addition to the regular fee.

When a candidate has failed to obtain the required blank form of application the regular fee will be accepted if it arrives not later than the specified date and is accompanied by the name and address of the candidate, the exact examination center selected, the college to which the report is to be sent, and the test or tests she is to take.

The College Entrance Examination Board will report the results of the tests to the institution indicated on the candidate's application. The college will, in turn, notify the candidates of the action taken upon their applications for admission. No reports on the tests will be sent to candidates by the Board.

ART, BIBLE, MUSIC

Smith College accepts for entrance credit elective units in art, Bible, and music. Candidates who wish to offer any of these units should correspond in advance with the Director of Admission, sending outlines of the courses they wish to present.

ART

Any student wishing to offer a unit in art, either historical or technical, should communicate with the Director of Admission.

An examination in the history of art will be given by the College to candidates for entrance where it is desirable. This examination will include a choice of questions involving a survey of architecture, sculpture, and painting in the Western world from earliest times to the present day, with special reference to the relation between the arts and their historical background. In preparation attention should be given to the study of original works of art, where possible, in addition to study from slides and other reproductions. The following list of books shows the type of reading which is acceptable: Holger Cahill and Alfred H. Barr, Jr.: *Art in America*; Helen Gardner: *Art through the Ages* (revised ed.); Chandler Rathfon Post: *A History of European and American Sculpture*; J. D. Beasley and B. Ashmole: *Greek Sculpture and Painting*; Frank Jewett Mather, Jr.: *Venetian Painting*; Roger Fry:

Flemish Art, A Critical Survey (Brentano, 1927); C. H. Collins Baker: *Dutch Painting of the Seventeenth Century* (*The Studio*, London, 1926); *German Art from the Fifteenth to the Twentieth Century* (with Introduction by Helen Appleton Read. The Oberlaender Trust, Carl Schurz Memorial Foundation, Philadelphia, 1936). The Department may be consulted for a more detailed list.

BIBLE

Work offered for entrance in Bible will normally be tested by an examination set in the spring. Smith College will accept without examination a unit in Bible from schools whose courses in the subject have been approved by the Department of Religion and Biblical Literature, these courses being in general of the standard suggested by the National Association of Biblical Instructors for college entrance work in Bible.

MUSIC

Music may be offered for one, two, or three units as follows: One unit, fundamentals of music; two units, fundamentals of music and literature of music, or fundamentals and practical music (literature of music and practical music may not be offered except with fundamentals); three units, fundamentals of music, literature of music, and practical music.

A special pamphlet including detailed requirements for the examinations to be given in fundamentals and the literature of music may be obtained by applying to the Secretary of the Department of Music, Sage Hall.

Examinations in the various kinds of practical music, if offered for entrance credit with fundamentals of music or with both fundamentals and literature will be based on:

PIANO. The candidate must be prepared to play for the examiners the following or what in the opinion of the examiners is the equivalent, and no candidate will be examined who is not ready to perform these requirements: (a) Any scale (including major and all forms of minor) at metronome speed of four notes = 88. (b) Any two studies selected by the student from Czerny, op. 299 or 636, Heller, op. 45, or Le Couppey, op. 20. (c) A Bach Two-Part Invention. (d) A movement in sonata allegro form of a sonata by Haydn, Mozart, or Beethoven. (e) A piece of moderate length (which must be memorized) selected from the works of Schubert, Schumann, Mendelssohn, or Chopin. (f) Hymn tunes and simple pieces at sight.

VOICE. The candidate must be prepared to meet the following requirements: (a) To sing with good pitch and intonation, technical facility, correct phrasing, and musical interpretation not fewer than six of the following songs: any song of MacDowell, Franz, Schubert, Schumann, or Brahms; Mozart's "Wiegenlied," Grieg's "Mit einer Primula Veris" or "Der Schwan"; any of the Weckerlin Bergerettes; any song from Schirmer's Anthology of Italian Song; or other songs with the approval of the Department. (b) To play simple accompaniments. (c) To sing at sight music of the type of folk songs, Brahms's "Wiegenlied," Schubert's "Haiden Röslein," and others.

VIOLIN. The candidate should be prepared to play: (a) Major and minor scales with good intonation. (b) Any two studies of the grade of Dont, op. 38, or Mazas, op. 36, Vol. I. (c) A sonata of Mozart, a sonatina of Schubert, or a solo of moderate difficulty, with correct phrasing and musical tone. (d) Simple pieces at sight.

VIOLONCELLO. The candidate should be prepared to play: (a) Major and minor scales, 3 octaves, major arpeggios, 3 octaves, with regard to bowing, fingering, and

intonation. (b) Studies of the grade of Schroeder, Dotzauer (Fischer Edition, Bk 1), Grützmacher (Bk 1), and Merk. (c) A piece such as a Rombert sonata, a Corelli sonata, or the Concertstück in G major by Goltermann.

ADVANCED STANDING

A limited number of students may be admitted each year with advanced standing from other colleges. At least two years' residence at Smith College is ordinarily required of a candidate for the degree of Bachelor of Arts.

Candidates for admission with advanced standing must present evidence that they have had the subjects required for admission to the Freshman class. They must present from the college previously attended a letter of honorable dismissal and a transcript showing that they have attained a superior record in a program that correlates with the Freshman and Sophomore requirements indicated on page 68. In addition candidates for entrance to the Junior class must have had the proper prerequisites of the major.

Admission for all students is competitive. The Board of Admission reserves the right to reject any candidate who falls below the standard of any given year set by the entire group of applicants.

Candidates for admission with advanced standing who have been unsuccessful candidates for admission to Smith College as Freshmen will be expected to present a very high record at the college from which admission is sought by transfer.

In cases in which the additional information would be of help in determining a candidate's qualifications the Board of Admission will require her to take the Scholastic Aptitude Test of the College Entrance Examination Board. This test will be required of all candidates from Junior colleges.

Subject to these conditions admission from approved colleges and credit for work (except in practical music and art) done there will be granted without examinations after a full transcript of the student's record has been received.

Students admitted with credit of more than nineteen and less than fifty-four semester hours will be ranked as Sophomores. Those credited with more than fifty-three hours will be ranked as Juniors except when, in the opinion of the Board of Admission, they are unprepared for this ranking, in which case they may be admitted as Sophomores with adjusted credits. But failure to obtain the minimum grade average required for transfer may not be cancelled by admission to a lower class.

Advanced standing students during their first semester of residence may not elect more than seventeen hours except by permission of the Administrative Board.

In general, application for admission accompanied by a transcript of the college record to date should be made to the Director of Admission not later than April 1 of the year in which admission is sought in order to facilitate arrangements for transfer.

RETURNED SERVICE WOMEN

Returned service women who wish to apply for admission should write to the College for information. There will be flexibility with regard to entrance requirements and choice of courses after entrance adapted as far as possible to individual abilities and needs.

NONCOLLEGIATE STUDENTS

Women not college graduates, but of an age beyond that of the ordinary undergraduate, who give evidence of a serious purpose and are otherwise properly

qualified, may be admitted to courses of study or to supervised research work in the college with the approval of the Registrar and the instructor concerned. The fee is \$15 per semester hour.

These students must fulfill all the requirements of the course or courses taken by them, and shall not be allowed to continue more than one semester in a course in which they have failed to meet the requirements, or in which their presence is found to be detrimental to its primary object. The decision of the instructor on these matters shall be final.

Students of this class shall not be candidates for a degree but may, on request, obtain from the Office of the Registrar a certified statement of their work.

AUDITORS

Any person not connected with the college may be an auditor, provided she has obtained the permission of the Registrar and of the instructor concerned. The fee is \$5 per semester course.

RESIDENCE AND ATTENDANCE

RESIDENCE

1. The minimum residence requirement for undergraduates (Seniors excepted) for a college year shall be two full semesters in college less six nights of absence in each semester for Freshmen, seven for Sophomores, eight for Juniors. The administration of this rule and the granting of exceptions for such reasons as illness shall lie with the Administrative Board. [Any student absent for the allowed number of nights a semester for whatever reason should report to the Office of the Warden before taking further absence at night.] Every night, except the night before and the night of Thanksgiving Day, spent outside a college house, whether in or out of Northampton, will be included as one of the nights of absence.

EXCEPTION: Saturday nights, the night before Memorial Day, and nights during the two examination periods, when spent at the cabins.

2. Residence in each semester is reckoned from chapel on the first day through the last examination of each individual student. However, at the beginning of the Christmas and spring recesses the residence requirements for each student end with her own last academic appointment of the term.
3. Only those students may extend the winter or spring recess either at the beginning or the end who live beyond the western boundary of Minnesota, Iowa, Missouri, Arkansas, and Louisiana, or a similar distance from Northampton.

NOTE.—These regulations are applicable only to students living in houses controlled by the college.

ATTENDANCE AT COLLEGE CLASSES

1. Students are expected to attend all their scheduled college classes and not to absent themselves without adequate reason.

(a) Upper-class students.

In general the responsibility for keeping this obligation shall rest with the student, but the Administrative Board has power to deal with individual cases of nonattendance.

(b) Freshmen.

Freshmen are required to attend classes throughout the first semester. They may be permitted unexcused absences to the number of credit hours that they are carrying, these absences to be distributed pro rata according to the number of hours credit per course.

In the second semester those who have attained a B average may take the responsibility for their own attendance. Those who are below diploma grade are not permitted any absences. For others the attendance regulations of the first semester are continued.

Absences do not relieve the student from responsibility for work required while she was absent, and the burden of proof that she has done the work rests with her. In courses in which the work cannot be satisfactorily tested by written examination, the instructor shall be the judge of the relation of the student's attendance or nonattendance to her grade.

2. At the beginning of each semester and after the winter and spring recesses students shall register in person at first chapel. The Faculty *requires* attendance in all classes meeting on the first day of each semester, on the Wednesday preceding and the Friday following Thanksgiving Day; also on the two days before the Christmas and spring recesses and the day after the Christmas and spring recesses. Every student who does not register and attend classes in accordance with this regulation must check her record in the Office of the Registrar within a week of her absence. If she was absent because of illness a report must also be filed in the Office of the College Physician.
3. Students who come under the following heads are placed on the Registrar's List:
(a) Sophomores and Juniors who are below diploma grade. These students are allowed two days of automatically excused absence in each semester. Absence from even one class shall count as one of these days. No other absences are permitted.
(b) Students who, for reasons which the Registrar does not regard as sufficient, have failed to register and attend classes in accordance with the regulations. These students may not be absent from class. The administration of this rule and the granting of exceptions shall lie with the Administrative Board.
4. Every Freshman and every student on the Registrar's List is subject to the following regulations:
(a) She is responsible for checking in the Office of the Registrar her own record of *all* absences and excuses for whatever cause.
(1) If she is absent because of illness a report must also be filed in the Office of the College Physician.
 Illness in the dormitory is reported by the Head of House.
 Illness out of town is reported by the student herself within a week of her return.
(2) If she is on the Registrar's List and is absent from class for any reason except illness she must report to the Registrar within a week.
(3) If she is a Freshman she is responsible for keeping count of the number of her absences from each course and for checking in the Registrar's office which of her absences have been excused.
(b) She may not be excused early from class and counted present except by permission of the Registrar.
(c) No change from division to division is allowed in order to prevent or remove records of absences.

ABSENCE BECAUSE OF ILLNESS

If classes are missed or nights are spent away from college because of illness the absences may be excused by the Registrar or the Warden on recommendation from the Doctors' office. [If the health regulations have been carried out at the times when any illness or accident has occurred reports will be on file at the Doctors' office and recommendations will be made from these.] Students should inquire at the Office of the Registrar whether their absences from class have been excused, and at the Warden's office regarding excuses for nights out of residence.

ABSENCE FROM EXAMINATIONS

A student necessarily absent from an examination must report her absence, with the reason therefor, at the Registrar's office personally or by letter as soon as pos-

sible. If the absence is caused by illness an excuse must be obtained through the College Physician. If the reason for absence is regarded by the Registrar as satisfactory the student will be given another opportunity for examination.

There are two periods a year set aside for make-up examinations when students who have been given permission to do so are required to present themselves: (1) as far as possible within the first month of the academic year for those students who were absent from finals; (2) as far as possible within the first month of the second semester for those students who were absent from the midyear examinations.

When students are officially excused from presenting themselves at the "make-up" following the one from which they were absent, they are required to take the next regular examination scheduled in the course. Special arrangement is made for Seniors who, in the final examinations of Senior year, have been absent because of illness.

Students may not take examinations or tests at the same time as the rest of the class in other than the officially appointed places except by permission of the Administrative Board.

No student will be excused from an examination given her class except by vote of the Faculty obtained through the department concerned.

WITHDRAWAL FROM COLLEGE

A student expecting to withdraw from college must file with the Registrar a letter from her parents or guardian giving the reason for withdrawal, and obtain from her a card of withdrawal.

READMISSION

No student who has withdrawn from college may be readmitted except with the permission of the Administrative Board. Application for readmission in September should be sent to the Registrar before April 1; for readmission in February before December 1.

In general, students who have withdrawn from college at the end of the first semester will be permitted to return only in the following February.

THE COURSE OF STUDY

THE curriculum is administered by the Administrative Board, constituted as follows: the Dean (chairman), the Warden, the four Class Deans, the Registrar, the College Physician, and three other members of the Faculty.

REQUIREMENTS FOR THE A.B. DEGREE

For graduation every student must have completed one hundred and twenty hours plus the prescribed work in physical education, taking a minimum of fifteen hours each semester. A cumulative average of at least C is required; the average for the Senior year must be C or above. At the end of any year, if a student's average is below that required for graduation, her case is subject to review by the Administrative Board, and she may be excluded from college.

The normal program covers four years. In special cases, when plans can be approved during the Freshman year, it may be possible for students to complete the work in three years by attending two summer sessions elsewhere.

Only in rare cases will the degree be granted after a shorter period of residence at Smith College than two years, one of which must be the Senior year.

GRADES

Grades are assigned with the following significations: A, excellent; B, good; C, fair; D, poor; E, failure.

In the courses designated as year courses, the grade which the student obtains at the end of the second semester is the final grade for the year.

FAILURES AND WARNINGS

A failure in a course involving a shortage in hours must be made up before graduation by carrying an equivalent amount of work above the minimum in subsequent years.

The failure in the course may be made up by repeating the course or by taking other work which conforms to the regulations of the curriculum applicable to the course for which it is offered as a substitute.

A student who has failed in the work of five or more hours in two consecutive semesters or in any three semesters, or who has failed in the work of ten or more semester hours in a year is excluded from college unless special exception be made by vote of the Administrative Board.

Any student whose scholarship is generally unsatisfactory may be brought before the Faculty for action and excluded from college.

A student who has failed in the work of five or more hours in a semester receives an official warning.

While instructors will use all reasonable means to inform the student of her liability to fail in her work, the student must not in any case regard the absence of such notification as a claim to exemption from a failure.

THE CURRICULUM

FRESHMAN AND SOPHOMORE YEARS

Freshmen are required to take English 11. The College requires of every Freshman a knowledge of the fundamentals of hygiene. This requirement may be met in one of several ways as described under the Department of Hygiene and Bacteriology.

Freshmen and Sophomores are required to take three periods of one hour each in physical education which do not count as credit hours.

In addition, before the end of Sophomore year students must have completed the Group requirements as outlined below in courses which are marked with the corresponding Roman numerals.

GROUP I. Languages: French, German, Greek, Italian, Latin, Polish, Russian, Spanish.

Six semester hours of a language if it was offered for entrance; twelve semester hours of a language begun in college. Students with exceptional language training may be recommended for exemption from this requirement. The courses which fulfill this requirement are marked I or I and II.

GROUP II. Literature and Fine Arts: Biblical Literature, English, French, German, Greek, Italian, Latin, Russian, Spanish, Art, Music, Speech, Theatre.

Six semester hours in this Group unless a course marked I and II was taken to fulfill the requirement in Group I.

GROUP III. Sciences: Astronomy, Botany, Chemistry, Geology and Geography, Hygiene and Bacteriology, Mathematics, Physics, Psychology, Zoology.

Six semester hours in a course marked III 1 (*i.e.* a laboratory science) or in mathematics if four or more units in science and mathematics were offered for entrance; if only three units in science and mathematics were offered for entrance students must take twelve hours in courses marked III 1 or III n (*i.e.* science without laboratory) of which at least six must be in a course marked III 1.

GROUP IV. Philosophical-Historical Studies: Economics, Education and Child Study, Government, History, Philosophy, Religion, Sociology.

Six semester hours in this Group.

Sixty semester hours must be taken by the end of Sophomore year and any not used in fulfilling the requirements may be used for electives.

In the spring of Sophomore year the student indicates a major subject which is based on a designated course or courses taken in Freshman or Sophomore year. As the major work occupies one-half of the student's time in the two upper years its selection is an important choice and so far as possible the election of subjects in the first two years should be made with the major in view.

Each department has appointed advisers of the major whom students may consult regarding the selection of their major subjects.

JUNIOR AND SENIOR YEARS

During Junior and Senior years students must complete sixty semester hours of work, which is divided evenly between a major and elective courses, or which is done in an Honors program.

Not more than twelve semester hours of Grade I and not less than twenty-four semester hours above Grade II may be taken for credit toward graduation.

THE MAJOR

Of the thirty semester hours required in the major at least eighteen must be taken in the department of the major subject; at least eighteen must be above Grade II; at least twelve must be taken each year.

When a student decides upon her major in Sophomore year she comes under the direction of an adviser in that department and must obtain the approval of the adviser for her major program of study.

Full statements of major requirements follow the course offerings in each department.

The curriculum also includes Interdepartmental Majors which are described in full on pages following the departmental offerings.

No majors are offered in hygiene, physical education, or speech.

Students in good standing who elect French, German, Italian, or Spanish as majors may spend their Junior year abroad in the respective countries when conditions permit. This privilege is also extended to students majoring in other subjects with the approval of the major department concerned.

HONORS WORK

PURPOSE. Honors work is designed to offer, for properly qualified students, certain advantages normally not possible in a regular five-course program. It enables students to work in small groups, to proceed more rapidly, and to receive a greater measure of individual instruction. It permits flexibility in the arrangement of individual programs, while making provision for integrating the work done. Whenever the nature of the subject matter does not impose a more rigid procedure the plan makes possible a considerable reduction in the number of courses taken simultaneously. It is intended to give more freedom to those who wish it and at the same time to provide recognition for those who have demonstrated their ability to do work of high quality.

ADMISSION TO CANDIDACY. Application for admission should be made, normally in the spring of Sophomore year, to the Director of Honors in the department in which the student wishes to major. Students who are eligible are those who have an average of at least B in their first three semesters or whose average reaches B at the end of Sophomore year. A student whose average is lower than this may apply for consideration. The Committee on Honors will act upon recommendations of the departments in these cases.

THE WORK OF CANDIDATES. Honors candidates will receive sixty hours of credit for the work of Junior and Senior years. The program of each candidate must be planned in consultation with and receive the approval of the Director of Honors in the major department. The two-year program may take various forms depending on the requirements of the department in which the student is majoring. It may consist entirely of units (as few as two a semester) or of a combination of courses with seminars or units. In every case candidates will be required to complete in Senior year an independent piece of work which may involve the preparation of a long paper or the conduct of an investigation. The specific requirements in each department will be found stated under the departmental offerings.

An Honors candidate may include twelve hours of free electives in the program. With the approval of the department this may be extended in individual cases.

EXAMINATIONS. All candidates will be required to take a minimum of three final examinations. They will be excused in the final semester from examinations in courses except in those which are unrelated to the Honors program.

AWARD. Honors will be awarded in three grades, *summa cum laude*, *magna cum laude*, and *cum laude*. If a student fails to be awarded Honors she may be granted a degree without Honors if her work is of sufficient merit.

FOR THE CLASS OF 1951 AND LATER CLASSES

A revised curriculum is going into effect for the class entering in 1947. In common with many colleges in this country, there has been a reconsideration of the requirements of cultural education. Several new courses of an interdepartmental nature are being introduced. There is an increase in the number of requirements but, in most cases, these requirements are within a group of subjects and are not specific course requirements. Thus the student, while having less free choice, has still a considerable area in which to express her preferences and individual interests.

CLASS HONORS

FRESHMAN HONORS:

Honors are awarded to members of the Freshman class on the basis of the grades received in the work of the full year.

DEAN'S LIST:

A Dean's List is made up of students in good standing who in the previous year have gained an average of B or better.

RULES GOVERNING ELECTION OF COURSES

1. Each student is required to make herself familiar with all regulations governing the curriculum and to present her course card, properly filled out, at the time and place designated in the *Weekly Bulletin*. While all possible aid and direction are given by the Faculty Advisers, the Advisers of the Major, and the Class Deans, each student is held responsible for errors in her choice of studies.
2. Courses are arranged in five grades indicated by the first digit in the course number. Those of Grade I are primarily for Freshmen, those of Grade II for Sophomores. Courses of Grade III are for Juniors and Seniors, but are also open to Sophomores when a statement to that effect is included in the description. Grade IV courses are for Seniors, Honor students, or qualified Juniors. Grade V courses are for Graduate Students.

Under certain conditions as outlined in a, b, and c students must file a petition with the Administrative Board. This requires the recommendation of the chairman of the department and the instructor and the consent of the Administrative Board. A petition is also required if, in the description of the course, the words "by permission" are used alone. "By permission of the department" and "by permission of the instructor" are self-explanatory.

(a) Students who wish to enter a course for which they have not had the stated prerequisite must file a petition with the Administrative Board.

(b) Freshmen and Sophomores who wish to enter a course of a higher grade than is normally open to their class must file a petition with the Administrative Board. Exceptions in the languages and sciences are made for those students who have the stated requirements.

(c) Juniors not taking Honors work who wish to enter a course of Grade IV must have the permission of the department concerned.

(d) Seminars of Grade IV, limited to ten students, are open to Juniors and Seniors only by permission of the instructor. Students not candidates for Honors are permitted to take only one seminar in a semester.

(e) Grade V courses are open to Seniors only if they have a major or its equivalent in the department and if they have at least a B average in that major. Under these conditions they may be admitted by permission. They may not carry more than three hours of Grade V work a semester except in technical art and practical music unless they have special permission from the Administrative Board.

3. A student may not carry in any semester less than the required minimum of fifteen hours or more than two hours above the required minimum except with the permission of the Administrative Board.

Any shortage of hours permitted by the Administrative Board may be made up by a corresponding excess of hours distributed over succeeding semesters.

4. In each semester of the Freshman and Sophomore years the student must carry at least four three-hour courses.

5. Courses in which the examinations conflict (see schedule) may not be elected in the same semester.

6. No year course may be entered in the middle of the year except with the permission of the Administrative Board and the consent of the department concerned. When a year course is dropped, no credit for the first semester is allowed except with the recommendation of the instructor and the chairman of the department and the permission of the Administrative Board.

7. Changes in courses elected may be made only with the permission of the Administrative Board. After September 5 and after the first day of the second semester only circumstances beyond the control of the student will be considered grounds for changes of course.

(a) Requests for these changes must be filed in the Office of the Class Deans on official blanks to be obtained in that office.

(b) If changes on the course cards are made necessary by reason of carelessness on the part of the student a fee of two dollars is charged.

(c) No petition to drop hours of work carried above the minimum will be granted after November 15 for the first semester and after April 3 for the second semester.

8. No student is allowed to attend a class either as an occasional or a regular auditor except with the permission of the instructor in charge of the course.



COURSES OF STUDY

An "a" after the number of a course indicates that it is given in the first semester; a "b" after the number of a course indicates that it is given in the second semester.

Where no letter follows the number of the course, the course runs through the year.

The number of hours of credit for a course is indicated in *italics*.

The numerals after the letters indicating days of the week show the scheduled hours of classes.

[] Courses in brackets will be omitted for the year.

(*)* Numerals in parentheses following the number of a course indicate the former number.

† Hours for courses so marked are arranged after elections are made.

§ Laboratory work in courses so marked is arranged privately.

(*)* Divisions in parentheses will be withdrawn if not needed.

Dem. indicates demonstration; Lab., laboratory; Lec., lecture; Rec., recitation; Sect., section.

Roman numerals in parentheses at the close of the description of a course indicate that it may be taken to fulfill the time requirement in Groups I, II, III, or IV. In courses in Group III "l" indicates laboratory, "n" nonlaboratory.

Explanation of marks before instructors' names: †Absent for the year; *absent for the first semester; **absent for the second semester; ‡with the Juniors in Mexico; §with the Juniors in Geneva; 'appointed for the first semester; ^appointed for the second semester.

ART

PROFESSORS:	CLARENCE KENNEDY, PH.D. OLIVER WATERMAN LARKIN, A.M., <i>Chairman</i> ALPHONS P. A. VORENKAMP, PH.D. ¹ RENSSELAER WRIGHT LEE, PH.D.
WILLIAM ALLAN NEILSON	
RESEARCH PROFESSOR:	EDGAR WIND, PH.D.
ASSOCIATE PROFESSORS:	KATE RIES KOCH, A.M., M.L.D. KARL SCOTT PUTNAM, B.S. IN ARCH. PRISCILLA PAINE VAN DER POEL, A.M.
ASSISTANT PROFESSORS:	MERVIN JULES RANDOLPH WARELL JOHNSTON H. GEORGE COHEN PHYLLIS WILLIAMS LEHMANN, PH.D.
LECTURERS:	RUTH WEDGWOOD KENNEDY, A.B. JOSÉ LÓPEZ-REY, DOCTOR EN FILOSOFÍA Y LETRAS
VISITING LECTURERS:	¹ EUNICE WEAD, A.M. FREDERICK HARRITT, A.M. (Acting Director of the Museum)
INSTRUCTORS:	†ELEANOR DODGE BARTON, A.M. TERESA GRACE FRISCH, PH.D. MARTHA LEEB, A.B. DAVID SHAPIRO

Students planning to major or to do Honors work in art will find that courses in literature, language, and history taken in the first two years will prove valuable to them.

A related course in history, literature, philosophy, or religion may, with the approval of the instructor, be substituted for the stated prerequisite in the following courses: 23, 24, 311a, 313, 321a, 322a.

A. Historical Courses

Each of the historical courses may include one or more trips to Boston, New York, or the vicinity for the study of original works of art.

[21. Introduction to the Understanding of Art. *Three hours each semester.* Th F 3; discussion meeting, choice of T 12, 2, 3, W 11, 12, 3, Th, F 10, 11, S 9, 10. Members of the Department. *Director,* Mr Lee. (II)]

[22. Art Appreciation. Mr Larkin assisted by members of the Department. (II)]

23. The Art of the Italian Renaissance. Development of the arts in Italy from 1298 to 1594, with special emphasis on their interrelationships and on the emergence of a consistent theory of art. Lectures, problems, and field trips. Prerequisite, 11 or History 11. *Three hours each semester.* M T W 2. Mr and Mrs Kennedy. (II)

[24. Italian Painting. Prerequisite, 11, 22, or History 11. To alternate with 313. *Three hours each semester.* M T W 9. Mr and Mrs Kennedy. (II)]

[26. German Art. Development of painting in Germany, Austria, Bohemia, and Switzerland from the end of the fourteenth to the beginning of the nineteenth

century. Prerequisites, 11 or 22 and a reading knowledge of German. *[Three hours each semester. Mr Vorenkamp. (II)]*

28a, 28b. Art of the Low Countries. Painting from the fourteenth to the eighteenth century. Prerequisite, 11 or 22. *Three hours.* M T W 9. Mr Vorenkamp. (II)

31a. Greek Sculpture: its stylistic development in its religious and social setting. Prerequisite, 11, History 21, or a course in the Classics. *Three hours.* Th F S 11. Mrs Lehmann.

31b. Greek and Roman Painting: ancient painting from the pre-Hellenic background to the end of pagan antiquity. Prerequisite, 11, History 21, or a course in the Classics. *Three hours.* Th F S 11. Mrs Lehmann.

[33a. History of prints: their technique and aesthetic value. By permission of the instructor. *[Three hours. Mr López-Rey.]*

35a. History of Landscape Architecture. A survey of landscape design, with emphasis on the social and political conditions affecting the various periods. *Three hours.* Th F S 10. Miss Koch.

36b (36a). Civic Art. History of planning, including study of the development of cities from ancient to modern times and the physical development of communities. Principles of city and regional planning. *Three hours.* Th F S 10. Miss Koch.

37. Principles of Architecture, with special reference to its place in American life. *Three hours each semester.* Th 4-6 F 4. Mr Putnam.

[39a. Decorative Styles. European and American thought and taste as expressed in interior design, furniture, textiles, and costume from the medieval period to the present. To alternate with 335a. *Three hours.* M T W 2. Mrs Van der Poel.]

310a. The History, Technique, and Art of Book Production, including the making and illumination of manuscripts, block printing, development of typography from the fifteenth century to modern fine printing, book illustration, and styles of binding. Two class hours. *Three hours.* T 2-4. Miss Wead.

311a. Medieval Art. Review of the principles of classic art, followed by a survey of its change into Byzantine art in the East and Romanesque and Gothic in the West; particular emphasis upon the architecture and sculpture of the great churches of England, France, and Italy. Prerequisite, 11 or by permission of the instructor; open to Sophomores by permission. *Three hours.* M T W 11. Mr Lee. (II)

[313. Florentine Sculpture from Niccolo Pisano through Michelangelo. Prerequisite, 11, 22, or History 11. To alternate with 24. *Three hours each semester.* M 2-4 T 2. Mr and Mrs Kennedy.]

315. Painting of the Low Countries at the end of the Middle Ages and the beginning of the Renaissance. Prerequisite, 28a. To alternate with 319. *Three hours each semester.* M T W 12. Mr Vorenkamp.

317a, 317b (317). In 1946-47, first semester, Donatello and his contemporaries, 1406-66. Mr Kennedy. Second semester, Botticelli and his contemporaries, 1460-1504. Mrs Kennedy. *Three hours.* M 4 T 4-6.

- [319. Painting of the Low Countries in the Renaissance and the Baroque. Prerequisite, 28b. To alternate with 315. *Three hours each semester.* M T W 12. Mr Vorenkamp.]
- 320b. Spanish Painting from El Greco to Goya. Prerequisite, 11. *Three hours.* M T W 2. Mr López-Rey.
- 321a. Italian Baroque Art. Italian thought and taste of the seventeenth century as illustrated in architecture, sculpture, and painting. Prerequisite, 11, 22, or History 11. To alternate with 322a. *Three hours.* M T W 9. Mr Lee.
- [322a. Baroque and Rococo Painting of the Seventeenth and Eighteenth Centuries in France and Spain. Prerequisite, 11, 22, or History 11. To alternate with 321a. *Three hours.* M T W 9. Mr Lee.]
- [323a. Post-Renaissance Sculpture. The origin and sequence of styles in Europe and America. Prerequisite, 11. *Three hours.* M 7:30-9:30. Miss Barton.]
- 324b. Latin-American Art: a survey of the architecture, sculpture, and painting. Prerequisite, 11 or History 13 or 325. *Three hours.* M 4 T 4-6. Mr López-Rey.
- 325a. The Arts in America from the colonial settlements through the years of the expanding republic; painting, sculpture, architecture, graphic art, and the crafts as an expression of thought and taste. For students who have passed 11 or are taking the Major in American Civilization. *Three hours.* M T W 12. Mr Larkin, Mrs Van der Poel.
- 325b. The Arts in America from the Civil War to the present. For students who have passed 11 or are taking the Major in American Civilization. *Three hours.* M T W 12. Mr Larkin.
- 327b (327). Modern Art. Contemporary art and its backgrounds. Prerequisite, 11 or 22. *Three hours.* M T W 11. Mr Hartt.
- 329a(329b). Modern Architecture. Materials, functions, and methods of design, with reference to economic, social, and cultural conditions since the industrial revolution, mainly in America. Prerequisite, 37. †*Three hours.* Mr Putnam.
- 41, 41a, 41b. Special Studies. For Seniors by permission of the Department; for Juniors by permission. †*One hour or more.*
- Greek 37. Greek Art.
- History 22. Greek and Roman Archaeology.
- 50, 50a, 50b. Thesis for the Master's degree. *One hour or more.*
- 51, 51a, 51b. Advanced Studies. †*One hour or more.*
53. Art of the Netherlands and Germany. †*Three hours each semester.* Mr Vorenkamp.
55. Art of the Italian Renaissance. †*Three hours each semester.* Mr and Mrs Kennedy.
- 57a, 57b. Modern Art. †*Three hours.*
- Greek 52. History of Greek Sculpture.

'For further information about graduate work in art, application should be made to the chairman of the Department. Adviser of graduate study: Mrs Kennedy.

B. Technical Courses

13. Basic course in understanding the visual properties of color, light, form, space, line, texture, etc. through study of simple problems dealing with the nature of materials and their creative application. *Three hours each semester.* Dem. M 4; eight studio hours of which four must be T W 10-12 or 2-4, Th F 10-12. Mr Jules, Mr Cohen, Mr Shapiro. (II)
210. Principles and Techniques of Organization applied to related drawing and painting projects from figure, portrait, still life, landscape, etc. Prerequisite, 13. *Three hours each semester.* Nine studio hours of which six must be M T W 11-1. Mr Cohen. (II)
212. Elementary Sculpture. Basic elements of sculptural design; modeling heads and figures from life, introduction to stone-carving and the modeling and firing of terra cottas. Prerequisite, 13. *Three hours each semester.* Nine studio hours of which six must be M T 3-6. Mr Johnston. (II)
331. Advanced Drawing and Painting. Individual creative expression, with emphasis on the techniques of pictorial organization. Prerequisite, 210, 212, or 335a or b. *Three hours each semester.* Nine studio hours of which six must be Th F 2-5. Mr Jules.
333. Advanced Sculpture. Figure composition; life and portrait modeling; bronze-casting; advanced work in stone and terra cotta. Prerequisite, 212. *†Three hours each semester.* Mr Johnston.
- 335a. Applied Design. History, principles, and techniques of design applied to original work in the studio. Prerequisite, 13. To alternate with 39a. *Three hours.* Lec. Th 12; six studio hours of which one must be F 12. Mrs Van der Poel.
- 335b. Continuation of 335a. Principles of design applied to studio work in interior design, allover patterns, posters, advertising layout, illustration, and costume. Prerequisite, 13. *Three hours.* Lec. Th 12; six studio hours of which one must be F 12. Mrs Van der Poel.
- 336 (334a). Graphic Art. The making and printing of woodcuts and wood engravings. Prerequisite, 210, 212, or 335a or b. To alternate with 337. *Three hours each semester.* Nine studio hours of which four must be Th F 4-6. Mr Johnston.
- [337 (334b). Graphic Art. The making and printing of lithographs. Prerequisite, 210, 212, or 335a or b. To alternate with 336. *Three hours each semester.* Nine studio hours of which four must be Th F 4-6. Mr Johnston.]
339. Architectural Design. Studio practice in the solution of simple architectural problems. Studio periods; one trip, usually of two days, to New York or Boston. For students who have passed 13 and have passed or are taking 37. *Three hours each semester.* Th F S 9. Mr Putnam.
- 341 (341a). Landscape Architecture. Introduction to the principles of landscape design, with problems in organization of the landscape plan. For students who have passed or are taking 11, 22, 13, or Botany 27. *Three hours each semester.* M T W 9; drafting periods to be arranged. Miss Koch.

41, 41a, 41b. Special Studies. For Seniors by permission of the Department; for Juniors by permission. *†One hour or more.*

[**43.** Individual Expression in Drawing and Painting. Prerequisite, 331. *Three hours each semester.* Nine studio hours of which six must be W Th F 2-4. Mr Jules.]

59. Advanced Design. *†Three hours each semester.* Mr Larkin, Mrs Van der Poel.

510. Architecture. *Three hours each semester.* Th F S 10. Mr Putnam.

512 (512a). Landscape Architecture. *†Three hours each semester.* Miss Koch.

THE MAJOR

Advisers: Mr Larkin, Mrs Kennedy, Mr López-Rey, Mr Cohen.

Based on 11.

Essential Courses: of the eighteen semester hours required in the Department at least nine must be from Division A.

Optional Courses: other courses in art; History 22; Philosophy 33, 43b; closely related courses in a foreign language, literature, history, or music approved by the adviser.

Students who are interested in specializing in architecture and landscape architecture are referred to the Interdepartmental Major in these subjects.

Honors

Director: Miss Frisch.

Prerequisites: 11 and 24 or 28a and b.

Program: an arrangement, approved by the director, of courses and special studies in art and related fields in preparation for general examinations.

Examinations: two written examinations of which the first will test a student's scholarship in specific fields of art history, with emphasis on bibliography, museum sources, etc.; the second will comprise an essay or essays. The third examination will be oral.

ASTRONOMY

ASSOCIATE PROFESSOR: MARJORIE WILLIAMS, PH.D., *Chairman*
(Director of the Observatory)

INSTRUCTOR *†JOCELYN RUTH GILL, S.M.*

Students planning to major or to do Honors work in astronomy are expected to complete Mathematics 12 or 13 in Freshman or Sophomore year and are therefore strongly urged to offer three units of mathematics for entrance. They are advised to take Astronomy 11 or 21 and Mathematics 12 or 13 in Freshman year and Mathematics 21 or 22a, elementary physics or chemistry, and German before Junior year. See also the statement for Honors.

11. General Astronomy. Physical characteristics and motions of members of the solar system and the sidereal universe; observations of constellations, motions of sun, moon, and planets. Recitation and discussion, two hours; daytime laboratory, one hour; evening laboratory and observing dependent on the skies, averaging three hours. *Three hours each semester.* (Sect. A, M T W 11.) Sect. B, Th F S 11. Miss Williams. (III 1)

21. A course similar to 11 for students who have taken trigonometry. Open to Freshmen by permission of the instructor. *Three hours each semester.* M T W 9. Miss Williams. (III 1)
- [22a. Observatory Practice. Training in the use of visual and photographic telescopes and other equipment. Observations of sunspots, lunar and planetary detail, occultations, variable stars, other telescopic objects. Collateral reading. Prerequisite, 11 or 21. Recitation and conference, three hours; observing and laboratory, four hours. *†Three hours.* Miss Williams. (III 1)]
- [23b. Variable Stars: physical characteristics of the various types. Discussion of methods of observation and of obtaining periods and light curves. Prerequisite, 11 or 21. *†Three hours.* Miss Williams. (III n)]
- 24b. Celestial Marine and Air Navigation. Theory and practice in the determination of position on the earth, primarily from observations of celestial bodies. Prerequisite, the first semester of Mathematics 12 or, by permission of the instructor, trigonometry presented for entrance. Recitation and discussion, two hours; observing and laboratory, three hours. *Three hours.* M T W 11. Miss Williams. (III 1)
- 26a. Descriptive Astronomy, designed to give a general knowledge of the field. Opportunity for learning the constellations and for using the telescopes. For students who have not taken 11 or 21 and have completed the Group III requirement. *Three hours.* Th F S 9. Miss Williams.
- 26b. Repetition of 26a.
- [27b. History of Astronomy. A survey of ancient and modern astronomical knowledge, development of modern ideas, instruments, and observations, present problems and methods of research, with readings in publications of the large research observatories. Prerequisite, 11 or 21. *†Two hours.* Miss Williams.]
- [31a. Spherical and Practical Astronomy. Theory and use of transit instrument for determination of time, latitude, and instrumental corrections. Prerequisites, 11 or 21, and Mathematics 12 or 13. Recitation and conference, two hours; observing and laboratory, four hours. *†Three hours.* Miss Williams.]
- [31b. Spherical and Practical Astronomy. Theory and use of the equatorial telescope. Determination of positions by means of photographic plates and the filar micrometer. Least Squares. Prerequisite, 31a. Recitation and conference, two hours; observing and laboratory, two hours. *†Three hours.* Miss Williams.]
- [34. Astrophysics. Special problems concerning the light of sun and stars, stellar motions, statistical methods of handling observational material. Prerequisite, 11 or 21. *†Three hours each semester.*]
- [35. Determination of Orbits. Methods of computing orbits of comets and planets. Theory and practice. Prerequisites, 11 or 21, and Mathematics 21 or 22a. *†Three hours each semester.* Miss Williams.]
- [36a. Binary Stars. Methods of determination of orbits of visual, spectroscopic, and eclipsing binaries. Prerequisites, 11 or 12, and Mathematics 21 or 22a. *†Three hours.* Miss Williams.]

41, 41a, 41b. Special Studies. For Juniors and Seniors by permission. †*One hour or more.*

50, 50a, 50b. Thesis for the Master's degree. *One hour or more.*

51a, 51b. Special problems in astrophysics, practical astronomy, or celestial mechanics. †*Three hours or more.*

Adviser of graduate study: Miss Williams.

THE MAJOR

Adviser: Miss Williams.

Based on 11 or 21.

Essential Courses: 31a, 31b, 34; Mathematics 21 or 22a.

Optional Courses: other courses in astronomy except 22a and 24b; other courses in mathematics above Grade I; Economics 38; courses in physics, chemistry, or geology with the approval of the adviser.

Honors

Director: Miss Williams.

Prerequisites: 11 or 21; Physics 11 or its equivalent.

Program:

Essential Courses: 31a, 31b, 34; Mathematics 21 or 22a.

Optional: courses or units in astronomy, mathematics, or physics; in chemistry with the approval of the director.

Half of the work of first semester of Senior year will be spent on a paper in the field of astrophysics, or on a problem in the field of practical astronomy or celestial mechanics; one-fourth of the second semester will be spent in review for the examinations.

Examinations: two general examinations covering the fields of general astronomy, astrophysics, practical astronomy, physics, mathematics; one in the field of concentration, which may be a partly practical examination involving techniques and manipulation of instruments.

BOTANY

ASSOCIATE PROFESSORS: †HELEN ASHHURST CHOATE, PH.D.

SARA BACHE-WIIG, PH.D.

†DORCAS BRIGHAM, A.M.

MARGARET KEMP, PH.D., *Chairman*

KENNETH E. WRIGHT, PH.D.

TEACHING FELLOW: BEILA SHERMAN, A.B.

SMITH COLLEGE GENETICS EXPERIMENT STATION

VISITING PROFESSOR: ALBERT FRANCIS BLAKESLEE, PH.D., SC.D.

VISITING ASSOCIATE

PROFESSOR: SOPHIE SATIN, SC.D.

RESEARCH ASSOCIATE: AMOS GEER AVERY, M.S.

Students planning to major in botany are advised to have a knowledge of general zoology or chemistry and a reading knowledge of German or French. See the Honors program for additional preparation required.

A. Science of Botany

11. General Botany. Outline of the fundamental facts and methods of the science. This course deals primarily with the structure and physiology of the higher plants and of representative forms of the plant groups, including microscopical study of their cellular anatomy. Not open to students who have offered botany for entrance. Two lectures and two two-hour laboratory periods. *Three hours each semester.* Lect. T W 9. Lab. A, M T 11; (Lab. B, Th F 9); Lab. C, Th F 2. Miss Bache-Wiig, Mr Wright (*Director*). (III I)
- 21a. Elementary Plant Physiology. Study of the fundamental plant functions, with training in experimental methods. Prerequisite, 11 or by permission of the instructor. One lecture and two two-and-one-half-hour laboratory periods. *Three hours.* Lec. W 2; Lab. Th F 2. Mr Wright. (III I)
- 22b. Field and Forest Botany. A study of ferns and flowering plants of the Northampton region. Principles of classification. Field trips in the spring, with emphasis on plant associations of special habitats. Prerequisite, 11 or by permission of the instructor. One lecture and five hours of laboratory or field work. *Three hours.* Th F 2-5. Miss Bache-Wiig. (III I)
- [23b. Plant Breeding. The principles and problems of inheritance in plants and the methods by which man obtains new varieties. Prerequisite, 11 or by permission of the instructor. Two lectures and two two-hour laboratory periods. *Three hours.* Th F 2-5. Miss Kemp. (III I)]
- 31a. Comparative Morphology of Lower Vascular Plants. The vegetative and reproductive structures and evolutionary development of living and extinct ferns and fern allies, preceded by a brief study of liverworts and mosses. Prerequisite, 11 or by permission of the instructor. One lecture and five hours of laboratory. *Three hours.* Lec. M 10; Lab. M 11 T W 10-12. Miss Kemp.
- 31b. Comparative Morphology of Higher Vascular Plants. The vegetative and reproductive structures and evolutionary development of the Gymnosperms and Angiosperms. Prerequisite, 11 or by permission of the instructor. One lecture and five hours of laboratory. *Three hours.* Lec. M 10; Lab. M 11 T W 10-12. Miss Kemp.
- [32a. Laboratory Technique. A course to prepare students for advanced studies. The work will include instruction in preparation of material for microscopic study: namely, fixation, imbedding, cutting and staining of plant material for permanent mounts. Prerequisite, 11, 21a and 22b, or by permission of the instructor. Six hours of laboratory. *Three hours.* M T 2-5. Miss Bache-Wiig.]
- 33b. Plant Geography. Climate and climatic formations of the world; problems of migration and barriers; distribution of species over the world, especially in relation to the geological record. Prerequisite, 11 or two semesters of Grade II in botany. Two lectures and one recitation. *Three hours.* M T W 12. Miss Bache-Wiig.
- [34a. Mycology. The structure, life history, and habitat of representative species of the fungi, with emphasis on theories of origin and relationship. Prerequisite, 11 or Bacteriology 22. This course may serve as a prerequisite for Bacteriology 42b. One lecture and five hours of laboratory. *Three hours.* M T W 9-11. Miss Bache-Wiig.]

37b. Advanced Plant Physiology. Advanced studies in selected fields; quantitative measurements of plant processes. For students who have passed 21a and have passed or are taking Chemistry 11 or its equivalent. Two lectures and two two-hour laboratory periods. *Three hours.* Th F S 10-12. Mr Wright.

Zoology 36. Genetics and Eugenics.

B. Horticulture and Planting Design

[**16b.** Gardening. Principles, based on practical demonstrations, underlying preparation, cultivation, and care of vegetable and flower gardens, and of conservatory and house plants. Not open to students who have taken or are taking 27. Two lectures and four hours of laboratory. *Three hours.* Lec. M T 2; Lab. M T 3-5. Miss Brigham.]

[**27.** Horticulture. Theory and practice of plant cultivation and improvement, with a study of the species commonly cultivated and the preparation of gardens. Two lectures and two two-hour laboratory periods. *Three hours each semester.* Lec. Th F 10; Lab. A, Th F 11; (Lab. B, Th F 2). Miss Brigham.]

38a. Plant Materials. Study of trees, shrubs, and herbaceous plants, with emphasis on the identification of woody ornamental plants. Lectures, laboratory and field work. For students who have passed or are taking Art 341 or have passed a course in botany. *Three hours.* M T 2-5. Miss Koch.

38b. Planting Design. Study of trees, shrubs, and herbaceous plants in relation to their use in landscape design. Lectures, problems, trips. For students who have passed or are taking Art 341 or have passed a course in botany. *Three hours.* M T 2-5. Miss Koch.

Art 341. Landscape Architecture.

41, 41a, 41b. Special studies: work in morphology of special groups, taxonomy, pathology, anatomy, ecology, cytology, and advanced work in other fields. For Seniors by permission of the Department; for Juniors by permission. *†Two hours or more.*

50, 50a, 50b. Thesis for the Master's degree. *One hour or more.*

51, 51a, 51b. Advanced studies in the fields of morphology, anatomy, mycology, and physiology, arranged in consultation with the adviser of graduate work. *†One hour or more.*

[**52a.** History of the Science of Botany. *†Two hours or more.*]

53a, 53b. Problems and Methods in Modern Genetics. Research work in cytogenetics. *†One hour or more.* Mr Blakeslee, Miss Satin, Mr Avery.

54. Summer course in Genetics at the Smith College Genetics Experiment Station. *†One to three hours.* Mr Blakeslee (*Director*), Miss Satin, Mr Avery.

Adviser of graduate study: Miss Kemp.

THE MAJOR

Adviser: Miss Kemp.

Based on 11 or 21a and 22b.

Essential Courses: twelve semester hours in botany above Grade II.

Optional Courses: other courses in botany above Grade I; courses in bacteriology, chemistry, geology, physics, and zoology; Art 341.

Honors

Director: Miss Bache-Wiig.

Prerequisites: 11, 22b; chemistry (one year in preparatory school or college).

Program: in Junior year, 21a if not already taken, 31a, 31b, 37b; six semester hours from 32a, 33b, 41a, 41b, or in a science other than botany with the approval of the director.

In Senior year, first semester, one-half of the time should be spent on an investigation and paper, one-fourth on individual work or a small advanced course in another field of botany, one-fourth on individual work or course work above Grade I in a science other than botany; second semester, one-fourth to one-half of the time should be spent in reading and review, the remainder of the time may be given to individual work or to a combination of individual and course work as in the first semester.

Examinations: a general examination covering major fields of botany; one in identification and interpretation of materials and in application of techniques; one in the special field of the candidate.

CHEMISTRY

PROFESSORS:	JESSIE YEREANCE CANN, PH.D., <i>Chairman</i>
	C. PAULINE BURT, PH.D., SC.D.
ASSOCIATE PROFESSORS:	GILBERT HAVEN AYRES, PH.D.
	KENNETH WAYNE SHERK, PH.D.
ASSISTANT PROFESSORS:	MILTON DAVID SOFFER, PH.D.
	GEORGE STONE DURHAM, PH.D.
TEACHING FELLOWS:	KITTY LUS, B.A.
	FRANCES DODGE, A.B.
	LILLIAS CAROLINE FORRESTER, B.A.
	ELMO LUTZE KOCH, A.B.
	ELIZABETH JANE ROCK, B.S.

Students who offer chemistry for entrance may enter 21a instead of 12 with the permission of the Department. Application for this permission should be made at the time of election of courses.

Students who are planning to major in chemistry should elect 11 or 12 (or 21a and b) in Freshman year. They are expected to complete Mathematics 12 or 13 the first year and are therefore strongly advised to offer three units of mathematics for entrance. A year of differential and integral calculus is required as eligibility for professional standing as stipulated by the American Chemical Society. For additional preparation for Honors work see that program.

11. General Chemistry. Two lectures, one recitation, and one three-hour laboratory period. *Three hours each semester.* Lec. M T 11; Rec. W 11, 2; Lab. T, F 2. Mr Sherk, Miss Lus. (III 1)
12. General Chemistry and Elementary Qualitative Analysis. Prerequisite, a preparatory course in chemistry. Not open to students who have taken 11.

Two lectures, one recitation, and one three-hour laboratory period. *Three hours each semester.* Lec. M T 9; Rec. W 9, 11, 2; Lab. M, T, Th 2. Mr Soffer, Mr Durham, Miss Rock. (III I)

21a. Qualitative Analysis. Cation and anion analysis using semimicro technique. Prerequisite, 11. One lecture, one recitation, and two two-hour laboratory periods. *Three hours.* Lec. and rec. M W 9; Lab. T W 2. Mr Ayres, Miss Forrester. (III I)

21b. Quantitative Analysis. Prerequisite, 21a. One lecture, one recitation, and two two-hour laboratory periods. *Three hours.* Hours as in 21a. Mr Ayres, Miss Forrester. (III I)

23. Elementary Physical Chemistry and Quantitative Analysis. Prerequisite, 12 or, by permission of the Department, 11. One lecture, one recitation, and four hours of laboratory. *Three hours each semester.* Lec. and rec. Th F 12; Lab. M, F 2. Mr Durham, Miss Dodge. (III I)

31. Organic Chemistry. Prerequisite, 11 or 12 (or 21a and b); for Sophomores, 21a and b. Two lectures, one recitation, and one three-hour laboratory period. *Three hours each semester.* Lec. M T 12; Rec. W 12; Lab. M, T, (Th) 2. Miss Burt, Miss Koch. (III I)

34a, 34b. Advanced Inorganic Chemistry. Prerequisite, 23 or 21b. Two lectures and one three-hour laboratory period. *Three hours.* Lec. Th F 11; Lab. M 2. Mr Sherk.

38a. Advanced Quantitative Analysis. Prerequisite, 21b or 23. One lecture and six hours of laboratory. [†]*Three hours.* Mr Ayres.

38b. Advanced Quantitative Analysis. Instrumental and other special methods of analysis. Prerequisite, 21b or 23. One lecture and six hours of laboratory. [†]*Three hours.* Mr Ayres.

41, 41a, 41b. Special studies: problems not dealt with in other courses in chemistry. For Seniors by permission of the Department. [†]*Two hours or more.*

42a. Biochemistry. Prerequisite, 31. Two lectures and one three-hour laboratory period. *Three hours.* Lec. Th F 10; Lab. Th 2. Miss Burt, Mr Soffer.

42b. Medicinal Chemistry. Chemistry of modern synthetic drugs and extrac-
tives. Prerequisite, 31. Two lectures and one three-hour laboratory period.
Three hours. Lec. Th F 10; Lab. Th 2. Miss Burt, Mr Soffer.

43. Physical Chemistry. For students who have passed 21b or 23, and have
passed or are taking 31 and Physics 11 or 21. Lecture, discussion, and one three-
hour laboratory period. *Three hours each semester.* Lec. and discussion M T 9;
Lab. W 9. Miss Cann.

45a. Organic Qualitative Analysis. Prerequisite, 31. One lecture and two
three-hour laboratory periods. *Three hours.* Lec. Th 2; Lab. Th 3 F 2. Mr
Soffer.

45b. Advanced Organic Chemistry. Prerequisite, 31. One lecture and six hours
of laboratory. *Three hours.* Lab. Th F 2. Miss Burt.

46b. Electrical Measurements. For Seniors who are taking 43. Lecture, discussion, and one three-hour laboratory period. *†Three hours.* Miss Cann.

Graduate Courses

These courses are designed mainly for graduate students, but, with the proper prerequisites, are open to Seniors by permission. It is suggested that a student majoring in chemistry take at least one of these courses.

50, 50a, 50b. Thesis for the Master's degree. *One hour or more.*

51a, 51b. Special Studies. (1) Advanced Organic Reactions; (2) Carbocyclic Natural Products; (3) Chemical Spectroscopy; (4) Contemporary Literature; (5) Heterocyclic Natural Products; (6) Theory of Solutions. *†One hour or more.*

53a, 53b. Advanced Inorganic Chemistry. Study of the physical and chemical properties of the elements from the modern views of atomic structure. Reading and discussion. Prerequisite, the equivalent of 34a. *†Three hours.* Mr Sherk.

54. Seminar. Selected Topics. *†One hour each semester.*

55. Advanced Physical Chemistry: thermodynamics, kinetics, electrochemistry, etc. Prerequisites, 31 and 43 or their equivalents. *Three hours or more each semester.* Lec. and discussion W 3 and Th F 9; Lab. F 9-12. Miss Cann, Mr. Durham.

56. Advanced Optical Analysis. *†Two hours or more each semester.* Mr Durham.

57b. Phase Rule. Prerequisites, 31 and 43 or their equivalents. *†Two hours or more.* Miss Cann.

58. Advanced Organic Chemistry. A systematic study of reactions. Two lectures and one three-hour laboratory period. *Three hours each semester.* Lec. Th F 12; Lab. F 2. Miss Burt, Mr Soffer.

510a, 510b. Advanced Organic Preparations and Research. Laboratory practice, six hours or more. *†One hour or more.* Miss Burt.

Adviser of graduate study: Miss Cann.

THE MAJOR

Adviser: Miss Cann.

Based on 11 or 12.

Essential Courses: 21a and b (or 23 if preceded by 12 or 21a), 31, 34a, 43. Of the twelve to eighteen semester hours required in the major Senior year, at least twelve must be taken in the Department. Physics 11, 14, or 21.

Optional Courses: other courses in chemistry above Grade I; Geology 24a; Bacteriology 22, 34; courses in mathematics and physics with the approval of the adviser.

Honors

Director: Miss Cann.

Prerequisites: 21a and b or 23, Mathematics 12 or 13, and Physics 21.

Program:

Essential Courses: 31, 34a and b, 43, and six hours chosen from 38a, 38b, 42a, 42b, 45a. Distribution recommended for Junior year: 31, 34a and b, and two

additional courses; for Senior year: the other essential courses and additional work approved by the director.

Examinations: one in inorganic chemistry; one in organic chemistry and related subjects; one in analytical and physical chemistry.

CLASSICAL LANGUAGES AND LITERATURES

PROFESSORS:

EMILY LEDYARD SHIELDS, PH.D.

**ELEANOR SHIPLEY DUCKETT, PH.D., D.LIT.

F. WARREN WRIGHT, PH.D., *Chairman*

AGNES CARR VAUGHAN, PH.D.

MARY ANN TIBBETTS, PH.D.

MAURICE PATRICK CUNNINGHAM, PH.D.

GREEK

Three units in entrance Latin or the equivalent in school or college courses are required for admission to the major in Greek. It is desirable that candidates for the major who have not offered ancient history for entrance take History 21.

11. Elementary Course. Introduction to the language; reading from Xenophon's *Anabasis*. *Three hours each semester.* M T W 9. Miss Vaughan. (I)

11d. Elementary Course, covering the work of two years. Reading from Xenophon, Homer, Euripides, Plato. [†]*Six hours each semester.* Miss Shields. (I)

12a. Homer: selections from *Iliad* and *Odyssey*. Prerequisite, two units in Greek or 11. *Three hours.* M T W 10. Miss Tibbetts. (I and II)

12b. Plato: *Apology* and *Crito*. Prerequisite, 12a. *Three hours.* M T W 10. Miss Vaughan. (I and II)

[13a. Homer: *Odyssey*, The Phaeacian Episode. Prerequisite, three units in Greek. [†]*Three hours.* (I and II)]

16. Elementary Prose Composition. Prerequisite, two units in Greek, 11, or 11d. [†]*One hour each semester.* Miss Tibbetts. (I)

18a. Masterpieces of Greek Literature in Translation. *Three hours.* M T W 11. Miss Vaughan. (II)

22a. Introduction to the Drama. Euripides: *Medea*; Sophocles: *Oedipus Tyrannus*. Prerequisite, 11d or 12b. *Three hours.* M T W 12. Miss Vaughan. (II)

22b. Continuation of 22a. Aeschylus: *Prometheus Bound*; Sophocles: *Antigone*. Prerequisite, 22a or its equivalent. [†]*Three hours.* Miss Shields. (II)

31a. Greek Historians. Prerequisite, 22b or by permission of the instructor. [†]*Three hours.* Mr Cunningham.

32b. Aristophanes: *Frogs*; Aeschylus: *Agamemnon*. Prerequisite, 22b or by permission of the instructor. [†]*Three hours.* Miss Vaughan.

33a. Plato: *Republic*. Prerequisite, 22b or by permission of the instructor. [†]*Three hours.* Miss Shields.

34b. Selections from Lyric and Pastoral Poets. Prerequisite, 22b or by permission of the instructor. [†]*Three hours.* Miss Vaughan.

[37. Greek Art: architecture, sculpture, and minor arts. *Three hours each semester.*
M T W 2. Miss Shields.]

NOTE.—For general course in Greek and Roman archaeology see History 22.

41, 41a, 41b. Special Studies. For Seniors by permission of the Department; for Juniors by permission. *†One hour or more.*

Religion 25a. Greek New Testament.

50, 50a, 50b. Thesis for the Master's degree. *One hour or more.*

51a, 51b. Advanced studies in Greek literature and archaeology, arranged on consultation. *†One hour or more.*

[52. History of Greek Sculpture. Open to Seniors who have passed 37, Art 11, or a general course in archaeology. *†Two hours each semester.*]

Adviser of graduate study: Mr Wright.

THE MAJOR

Adviser: Miss Vaughan.

Based on 12a and b.

Essential Courses: 16, 37, and twelve semester hours of reading in Greek, including 31a or 33a, and 32b or 34b.

Optional Courses: other courses in Greek above Grade I; courses in Latin above Grade I except 28; allied courses in other departments.

LATIN

Students planning to major in Latin are advised to take at least one course in Greek and a course in ancient history. Latin 16 and 21a and 22b or 27 are recommended.

11a. Vergil: selections from *Aeneid* I-VI. Prerequisite, two units in Latin or three units including Cicero. *Three hours.* M T W 11. Miss Shields. (I and II)

11b. Vergil: selections from *Aeneid* VII-XII. Prerequisite, 11a, 12a, or by permission of the Department. *Three hours.* M T W 11. Miss Tibbetts. (I and II)

[12a. Selections from Cicero. Prerequisite, two units in Latin or three units including Vergil. *†Three hours.* Mr Cunningham. (I and II)]

13a. Selections from Pliny's *Letters* and Livy's *History*. Prerequisite, four units in Latin. *Three hours.* Th F S 9 and 11. Mr Wright, Mr Cunningham. (I and II)

13b. Selections from Latin Poetry. Catullus; Vergil: *Eclogues*; Horace: *Odes* and *Epodes*. Prerequisite, four units in Latin or, by permission of the instructor, 11a or 12a. *Three hours.* Th F S 9 and 11. Miss Shields, Miss Tibbetts. (I and II)

16. Elementary Prose Composition. Prerequisite, four units in Latin or by permission of the instructor. *†One hour each semester.* Mr Cunningham. (I)

18b. Masterpieces of Latin Literature in Translation. *Three hours.* M T W 11. Mr Wright. (II)

[21a. Roman Drama: Plautus, Terence, Seneca. Prerequisite, 13b. *Three hours.* Th F S 11. Miss Tibbetts. (II)]

- 22b. Roman Elegy: Catullus, Tibullus, Propertius, Ovid. Prerequisite, 13b. *Three hours.* Th F S 11. Mr Wright. (II)
- 23a. Medieval Latin Literature. Prerequisite, 13b or, by permission of the instructor, 11b. *†Three hours.* Miss Duckett. (II)
- [26a, 26b. Intermediate Prose Composition. Prerequisite for 26a, 16; for 26b, 26a. *†One hour.* Miss Duckett.]
27. Classical Latin Literature. Readings in the original from representative authors. Prerequisite, 13b. *†Three hours.* Mr Cunningham. (II)
28. Latin Background of English Literature. Not open to students who have taken 18b. *Three hours each semester.* M T W 9. First semester, Miss Duckett; second semester, Miss Tibbetts. (II)
- [31a. Roman Satire: Horace, Juvenal, Persius. Prerequisite, 13b or 22b. *Three hours.* M T W 9. Mr Wright.]
- 32b. Tacitus: *Annals and History.* Prerequisite, 13b or 22b. *Three hours.* M T W 12. Miss Tibbetts.
- [33a. Rapid Reading of Roman Comedy. Prerequisite, 21a. *†Three hours.* Mr Wright.]
- 34b. Roman Philosophy. Prerequisite, 13b or by permission of the instructor. *†Three hours.* Miss Shields.
- 41, 41a, 41b. Special Studies. For Seniors by permission of the Department; for Juniors by permission. *†One hour or more.*
- 42a. Lucretius: *De Rerum Natura.* Prerequisite, ten semester hours of Latin or by permission of the instructor. *†Three hours.* Mr Wright.
- 43b. Vergil: *Georgics;* Horace: *Epistles.* Prerequisite, ten semester hours of Latin or by permission of the instructor. *†Three hours.*
- 50, 50a, 50b. Thesis for the Master's degree. *One hour or more.*
- 51a, 51b. Advanced studies in Latin literature and archaeology arranged on consultation. *†One hour or more.*

Adviser of graduate study: Mr Wright.

THE MAJOR

Advisers: Miss Duckett, Mr Wright.

Based on 13a and b, or, by permission of the Department, on 11b.

Essential Courses: 31a, 32b, 42a, 43b, 26a and b, unless they have already been taken, and four semester hours of other Latin courses above Grade I except 28.

Optional Courses: any other courses in Latin above Grade I except 28; courses in Greek except 18a; allied courses in other departments.

THE MAJOR IN CLASSICS

Advisers: Miss Duckett, Miss Vaughan.

Based on Greek 11 and Latin 13a and b (or, by permission of the adviser, Latin 11b).

Essential Courses: eighteen semester hours chosen from Greek 22a and b, 31a, 32b,

33a, 34b, Latin 31a, 32b, 42a, 43b; four semester hours chosen from Greek 16, Latin 16, 26a and b.

Optional Courses: see under the Greek and Latin majors.

Honors

Director: Miss Shields.

Prerequisites: Greek 11; Latin 13a and b or, by permission of the Director, 11b.

Program: four hours chosen from Greek 16, Latin 16 (or 26a and b); six hours for the preparation of a long paper; the subject matter of Greek 22a and b, Latin 31a, 32b, and Greek 31a and 32b or 33a and 34b or Latin 42a and 43b. The program must include at least three units.

Examinations: one will test the candidate's ability to read Greek and Latin; one her general knowledge of Greek and Roman literature with the historical and archaeological background; and one her mastery of a field of concentration.

Units

The Department will offer units in the fields of classical literature, art, and antiquities for Honors students in classics or in other departments.

COMPARATIVE LITERATURE

31. The Epic. Lectures on the most famous epics from Homer to Milton, including Homer, Vergil, *Beowulf*, *Chanson de Roland*, *Poema del Cid*, *Nibelungenlied*, *Divine Comedy*, Tasso, Milton, the Slavic epics. *Three hours each semester.* Th F 4 and a third hour to be arranged. Miss Leland, Mr Zapata, Miss Schnieders, Miss Rooke (*Director*), Mr Kridl, and others.

ECONOMICS

PROFESSORS:

ESTHER LOWENTHAL, PH.D.

WILLIAM AYLOTT ORTON, D.S.C. (ECON.)

DOROTHY CAROLIN BACON, PH.D.

DOROTHY WOLFF DOUGLAS, PH.D., *Chairman*

VISITING PROFESSOR:

STANLEY CURTIS ROSS, A.B., LL.D.

ASSOCIATE PROFESSOR:

EDWARD F. WILLETT, PH.D.

INSTRUCTORS:

FRANCES CORNWALL HUTNER, A.M.

SIMEON HUTNER, M.B.A., A.M.

21 is the prerequisite for 31a and b, 33a and b, 35, 312, and 45a.

21. Outlines of Economics. Survey of economic principles and such topics as trusts, railway rates, trade-unions, the tariff, and money. Open to Freshmen by permission. *Three hours each semester.* Lec. M T 9; Rec. M, T 10, 11; W 9, 11, 12. Lec. Th F 10; Rec. F 12, S 9, 10. Miss Lowenthal, Mr Orton, Mr Ross, Mrs Hutner, Mr Hutner. (IV)

[31a. Economic Control. History and theory of the relation of government to economic activity in England and the United States. To alternate with 33a. *Three hours.* M T W 10. Miss Lowenthal.]

[31b. Elements of Public Finance. Governmental revenues and expenditures, with special emphasis upon modern forms of taxation. To alternate with 33b. *Three hours.* M T W 10. Miss Lowenthal.]

32. Labor Problems and the Labor Movement. Labor history, trade-unionism, women and child workers, personnel management, labor legislation. Also for Sophomores who have passed 21. *Three hours each semester.* M T W 12. Mrs Douglas. (IV)

33a. History of Economic Theory, 1776-1875. Adam Smith through Karl Marx. To alternate with 31a. *Three hours.* M T W 10, M 7-10. Miss Lowenthal, Mrs Hutner.

33b. History of Economic Theory from 1875. Changes in economic thought since John Stuart Mill. To alternate with 31b. *Three hours.* M T W 10. Miss Lowenthal, Mrs Hutner.

34a. Accounting. The theory of debits and credits. The organization and use of accounting records, the construction and interpretation of balance sheets and of statements of revenue and expense, and selected special topics. Two lectures and one two-hour laboratory period. *Three hours.* M T 9. Mr Willett.

35. Money and Banking. Monetary theory, American and foreign banking, foreign exchange, problems of prosperity and depression. *Three hours each semester.* Th F S 9. Miss Bacon.

38. Statistical Methods. Tabulation, graphic representation, averages, measures of dispersion, correlation, index numbers, and the treatment of time series. This course should normally be elected Senior year. *Three hours each semester.* Lec. Th F 2; four laboratory hours chosen from M 2-4, T 2-6, Th 3-6, F 3-5. Miss Bacon.

NOTE.—Credit will be given for the first semester if it is followed in the same year by Sociology 43b.

311b (55b). Government and Business. The trust problem in American industry. Types of governmental regulation. Prerequisite, 21 or by permission of the instructor. *Three hours.* M T W 9. Mr Willett.

312. Corporations: their organization, accounting, financial policies, and public control. *Three hours each semester.* Th F S 11. Mr Ross.

313 (313b). International Trade and Finance. Prerequisite, 21 or by permission of the instructor. *Three hours each semester.* M T W 11. Mr Willett.

314a. Personal Finance. Topics studied include inflation, tax forms, insurance, annuities, installment buying, home ownership, and investment. *Three hours.* Lec. M T 2; Rec. W 10, (11), 2. Mr Willett.

315. International Economics since 1918, with special reference to the effects of the postwar settlements and the economic factors of the war of 1939. Prerequisite, 21 or by permission of the instructor. *Three hours each semester.* Th F S 12. Mr Orton.

317b. Economics of Agriculture. Theory of land values, American agricultural development, agricultural-industrial relationships, government and the farmer. *Three hours.* W Th F 3. Mr Ross.

319a, 319b (319). Theories and Movements for Social Reorganization; Economic and Social Structure of the U.S.S.R. Also for Sophomores who have passed 21. The second semester, dealing with Russia, is open to students who have taken History 317a. *Three hours.* M T W 11. Mrs Douglas. (IV)

41, 41a, 41b. Special Studies. For Seniors by permission of the Department; for Juniors by permission. *†One hour or more.*

42a. Seminar in Theories of Wages. Relation of contemporary wage theory to recent governmental labor policies and employer and labor organization. By permission of the instructor. *†Three hours.* Mrs Douglas.

[42b. Seminar in Problems of the Consumer. *†Three hours.* Mrs Douglas.]

43b. Seminar in Investment Policies. By permission of the instructor for students who have passed or are taking 35 or 312. *†Three hours.* Mr Willett.

[45a. Seminar in Price Theory. Price determination under conditions of pure competition, imperfect competition, and monopoly. *†Three hours.* Mrs Hutner.]

[45b. Seminar in Problems of Competition and Monopoly. Recent institutional trends affecting prices. Prerequisite, 45a. *†Three hours.* Mrs Hutner.]

46b. Modern Banking and Monetary Problems. For Seniors who have passed 35 or by permission of the instructor. *†Three hours.* Miss Bacon.

47b. Interdepartmental Seminar in Economics, Government, and Sociology: for 1946-47, Minority groups in the United States. By permission of the director, Mr Nixon. *†Three hours.* Members of the participating departments.

History 29. American Economic History.

50, 50a, 50b. Thesis for the Master's degree. *One hour or more.*

51, 51a, 51b. Advanced Studies. *†One hour or more.*

52a. Ricardo and Some of His Contemporaries. *†Three hours.* Miss Lowenthal.

52b. Transformation of Classical Economics after J. S. Mill. *†Three hours.* Miss Lowenthal.

53. Currency, Credit, and the Trade Cycle. *†Three hours each semester.* Miss Bacon.

54a or b. International Economic Organization. International combines and cartels; economic aspects of intergovernmental arrangements. *†Three hours.* Mr Orton.

[55a. Corporations: organization and finance. *†Three hours.* Mr Willett.]

56a. Social Security: theory and current practice in various countries. *†Three hours.* Mrs Douglas.

56b. Organized Labor and the Law. Legal status of labor in the United States and foreign countries. *†Three hours.* Mrs Douglas.

Adviser of graduate study: Mrs Douglas.

THE MAJOR

Advisers: members of the Department.
Based on 21.

Essential Courses: eighteen semester hours above Grade II in economics except 314a.
Optional Courses: to be arranged with the approval of the adviser.

Honors

Director: Miss Lowenthal.

Prerequisite: a grade of B in Economics 21.

Program: all students must take 33a and b or 45a and b.

In Senior year one-fourth or one-half of the work of first semester must be spent on the preparation of a paper on an approved topic, involving independent work; in second semester one-fourth of the work will be spent on review.

Examinations: one in general theory and historical background; one in the student's field of concentration; one an essay or problem.

Units

(Six hours each)

Studies in Applied Economics. *Second semester*, Mr Orton.

Topics in Money and Banking. *Second semester*, Miss Bacon.

Statistical Methods. *First semester*, Miss Bacon.

Corporation Finance and Investments. *First semester* (alternate years), Mr Willett.

EDUCATION AND CHILD STUDY

PROFESSORS:	SETH WAKEMAN, PH.D.
	†WALTER M. KOTSCHNIG, DR.SC.POL., LL.D.
	RICHARD BOYD BALLOU, ED.D., <i>Chairman</i>
ASSOCIATE PROFESSORS:	MARY A. WAGNER, M.A., Director of the Elisabeth Morrow Morgan Nursery School
	**ANNELIES ARGELANDER ROSE, PH.D.
	Fritz Karl Heider, Ph.D.
	CLIFFORD RICHARDSON BRAGDON, A.M., ED.M.
ASSISTANT PROFESSOR:	HELEN EVANGELINE REES, ED.D., Director of the Smith College Day School
LECTURER:	RONALD JEREMIAH DARBY, ED.M.
ACTING DIRECTOR OF EDUCATIONAL CLINIC:	ELVA E. KNIGHT, ED.M.
INSTRUCTORS:	LORRAINE WINEOW BENNER, A.M.
	KINGSLEY ARNOLD PERRY, ED.M.
	HARRIET WARNER, A.M.

The following courses are recommended to students planning to major in education and child study: History 11, Philosophy 11, Psychology 11 or 12, Sociology 26, Zoology 12.

An opportunity for educational guidance including improvement in reading and study skills is offered to Freshmen and a limited number of other students. One period each week, hours to be arranged. No credit. Miss Knight.

Students who desire to comply with the varying requirements of different states for teachers' certificates are urged to consult Mr Wakeman or Mr Ballou as early as possible during their college course. A five-year program leading to the degree of Master of Education fulfills the requirements now made by certain states.

- 21a. Introduction to Education. Historical and philosophical background of modern educational problems. *Three hours.* M T W 2. Mr Bragdon. (IV)
- 22a. Educational Psychology. A study of biological, psychological, and social factors in mental development, with special reference to problems in learning. *Three hours.* M T W 12. Mr Wakeman. (IV)
- 22b. A repetition of 22a. M T W 2. (IV)
- 24a. Child Psychology. Mental development of the child from birth to puberty. Prerequisite, Psychology 11 or 12. *Three hours.* Lec. Th F 11; Rec. F 12, 2, S 11. Mrs Rose.
- [24b. Psychology of Adolescence. Mental development of the adolescent from puberty to maturity. Prerequisite, Psychology 11 or 12, Education 22a or b, or by permission of the instructor. *Three hours.* Lec. Th F 11; Rec. F 12, S 10, 11. Mrs Rose.]
- 26b. Foundations of Secondary Education. Characteristics of the secondary school pupil; present status, purpose, and organization of secondary schools; curriculum. Prerequisite, 21a or by permission of the instructor. *Three hours.* M T W 2. Mr Ballou. (IV)
- 31a. The Child in Modern Society. Place of the young child in society; social and educational agencies concerned with child welfare; mental hygiene of early childhood. Directed observations. *Three hours.* Th F 3 and one observation period. Miss Benner.
- 32b. Experimental Educational Psychology. Prerequisite, 22a or b, 24a, or by permission of the instructor. One period for discussion and reports, two laboratory periods. [†]*Three hours.* Mr Heider.
- 34b. Child Study. Growth, development, and guidance of the young child. Systematic observation and study of preschool children. Prerequisite, 24a, 22a or b, or by permission of the instructor. *Three hours.* Th F 3 with arranged observation period. Miss Benner.
35. Elementary School Child. Growth and development of the child in the elementary and junior high school; study of curriculum and modern practices. Prerequisite, 21a, 22a or b, 24a, or by permission of the instructor. Two class hours and observation. *Three hours each semester.* M T W 9. Mr Bragdon.
- 36b. American Education. Evolution of American educational thought and institutions; development of American education related to the growth of the nation. Also for Sophomores who have passed 21a. *Three hours.* M T W 9. Mr Ballou. (IV)
- 37a. Comparative Education. Influence of national attitudes in education. The educational situation in France, Great Britain, Germany, Italy, Soviet Russia, and the United States. *Three hours.* M T W 3. Mr Wakeman.
- 38b. Youth and Social Change. Socio-economic changes affecting modern youth; youth movements and organizations; education in a changing society. *Three hours.* M T W 3. Mr Bragdon.

- 39a. Educational Measurements. Study of measures designed to improve instruction and assist pupil adjustment in school. Practice in construction, administration, and interpretation of tests. *Three hours.* Th F 2. Mr Perry.
- 310a. Music Education. Methods and materials of music education in the pre-school and primary grades. For majors in child development or by permission of the instructor. *Three hours.* M T 2 and one hour to be arranged. Mrs Scatchard.
- 41, 41a, 41b. Special Studies. By permission of the Department. *†One hour or more.*
- 42b. Seminar in Educational Psychology. Selected problems, reports, and discussion. Prerequisites, 22a or b, one course in psychology, and permission of the instructor. *†Three hours.* Mr Wakeman.
43. Preschool Education. Theory and practice in the modern nursery school and kindergarten. Two class hours and two periods of participation. Required trip. Prerequisites, 34b and permission of the instructor. *†Three hours each semester.* Miss Wagner.
- [44b. Seminar in Child Psychology. Selected problems, reports, and discussion. Prerequisites, 24a and permission of the instructor. *†Three hours.* Mrs Rose.]
45. Elementary Education. Theory and practice in the elementary school. Two class hours and two periods of participation in elementary schools. Prerequisites, 35 and permission of the instructor. *†Three hours each semester.* Miss Rees.
46. Secondary Education. Methods and practices in secondary schools; an intensive study of the teaching of one of the subjects in the curriculum. Observation and directed practice. Required trip. Prerequisite, 26b or by permission of the instructor. *Three hours each semester.* Th F 3 and one period of observation and practice. Mr Bragdon, Mr Darby.
- [47b. Seminar in Comparative Education and Postwar Educational Reconstruction. Prerequisites, 37a and permission of the instructor. *†Three hours.* Mr Wakeman.]
- [48b. Seminar in Educational Sociology. Social and economic factors and concepts underlying educational problems in the United States and abroad. By permission of the instructor. *†Three hours.* Mr Kotschnig.]
- [49b (49a). Special Disabilities. Theory and practice in diagnostic and remedial techniques, with emphasis on reading. Prerequisite, 39a, Psychology 38a, or by permission of the instructor. Two class hours, one laboratory period. *†Three hours.*]
- French 37a. Teachers' Course.
- Music 320. Elementary School Music.
- Music 46. Advanced School Music.
- Spanish 32a. Teachers' Course.
- Speech 48. Teachers' Course.

Graduate Courses

- 50, 50a, 50b. Thesis for the Master's degree. *One hour or more.*

- 51, 51a, 51b. Advanced Studies: special problems in education. †One hour or more.
- 52, 52a, 52b. Problems of American Education. Required of all candidates for the Master's degree in education. Three hours. M 4. Members of the Department.
53. Preschool and Parent Education. †Three hours each semester. Miss Rees.
54. Elementary Education. †Three hours each semester. Miss Rees.
- 55a. Problems in Secondary Education. †Three hours. Mr Ballou.
- 56b. Higher Education: history and present status in the United States. †Three hours. Mr Wakeman.
- 57b. Advanced Educational Psychology. †Three hours. Mr Wakeman.
- 58b. Experimental Educational Psychology. †Three hours. Mr Heider.
- 59, 59a, 59b. Practice Teaching under the supervision of members of the Department. For qualified graduate students by permission of the Department. †One hour or more.

Adviser of graduate study: Mr Wakeman.

THE MAJORS

A. Education

Advisers: Mr Wakeman, Mr Ballou.

Based on 21a and 26b or 36b; 21a and 22a or b; or 24a or b and 22a or b.

Essential Courses: eighteen semester hours in education.

Optional Courses: other courses appropriately related to the subject of the major.

B. Child Development

Advisers: Mr Wakeman, Miss Wagner, Mr Bragdon, Miss Rees.

Based on Psychology 11 or 12 and Education 22a or 24a (Psychology 24a).

Essential Courses: 24a (if not taken Sophomore year), 34b, 35, 43 or 45.

Optional Courses: other courses in education, and courses in hygiene, music, psychology, sociology, and zoology appropriately related and approved by the adviser.

Honors

Director: Mr Ballou.

Prerequisites: courses listed as bases for the majors.

Units: Human Growth and Development. Through the year, Mr Wakeman.

History and Philosophy of Education. Through the year, Mr Ballou.

Program and Examinations: detailed plans of study may be had on consultation with the director.

ENGLISH LANGUAGE AND LITERATURE

PROFESSORS:	HERBERT DAVIS, M.A., LL.D. HOWARD ROLLIN PATCH, PH.D., LITT.D. PAUL ROBERT LIEDER, PH.D. ROBERT WITHERINGTON, PH.D., OFFICIER DE L'INSTRUCTION PUBLIQUE *ESTHER CLOUDMAN DUNN, PH.D.
	†MARY ELLEN CHASE, PH.D., LITT.D., L.H.D., <i>Chairman</i> NEWTON ARVIN, A.B. CHARLES JARVIS HILL, PH.D. SAMUEL ATKINS ELIOT, JR., A.B.
WILLIAM ALLAN NEILSON	
RESEARCH PROFESSOR:	¹ DAVID NICHOL SMITH, M.A., D.LITT., LL.D.
ASSOCIATE PROFESSORS:	KATHERINE GEE HORNBEAK, PH.D. ALFRED YOUNG FISHER, DOCTEUR DE L'UNIVERSITÉ DE DIJON HELEN WHITCOMB RANDALL, PH.D., <i>Acting Chairman</i>
	**EDNA REES WILLIAMS, PH.D.
	*ELEANOR TERRY LINCOLN, PH.D. ROBERT GORHAM DAVIS, A.M. DANIEL AARON, PH.D.
ASSISTANT PROFESSOR:	ROBESON BAILEY, A.B.
VISITING LECTURERS:	ELIZABETH DREW, B.A. ² ALAN VAN KEUREN McGEE, PH.D.
INSTRUCTORS:	GRETCHEN LUDKE FINNEY, M.A. JOAN GRIFFITHS, A.M. VIRGINIA FLEMING PRETTYMAN, PH.D. NATALIE DELAPLAINE STARR, M.A. ALICE GERBER GREEN, A.M. FREDERIC E. PAMP, JR., A.M. EDWARD TEED WILCOX, A.B. JANE IRENE ZIBLONKO, A.M.

Students who are planning to major in English and have entered with less than three units of Latin or Greek or a combination of the two, will be required to take Latin 11a, Greek 11, 12a, or six hours of the classics in translation: Greek 18a, Latin 18b, 28. They are urged to take at least one course each in history and philosophy.

Required Course

11. Study of Selected Literary Forms. Practice in critical writing. [†]*Three hours each semester.* Members of the Department. Director, Mr Arvin.

A. Language and Literature

- 14a. The Informal Essay. Florio's Montaigne to Goldsmith. *Three hours.* M T W 11. Mr Withington. (II)
- 14b. The Informal Essay of the Nineteenth Century. *Three hours.* M T W 11. Mr Withington. (II)

21. Main Currents in English Literature to 1800. Emphasis is given to the contributions of major figures. One lecture and two discussions. *Three hours each semester.* M T W 10. Miss Hornbeak assisted by members of the Department. (II)
- 23 (23b). Forms of the Drama. Survey of the principal forms, European and Asiatic, with special attention to the different kinds of theater and to the greatest plays and playwrights from Aeschylus to Hebbel. *Three hours each semester.* W Th F 3. Mr Eliot. (II)
25. Literature of the Middle Ages. Characteristic ideas in English and Continental literature. Reading based on translations. *Three hours each semester.* M T W 9. Mr Patch. (II)
- 27b (27). Sixteenth-Century Literature (exclusive of drama). Literary forms and intellectual and social ideas of the period. *Three hours.* Th F S 11. Miss Dunn. (II)
- [28a. Seventeenth-Century Poetry from Donne to Dryden. *Three hours.* Th F S 10. Miss Lincoln. (II)]
- [28b. Seventeenth-Century Prose. Essays, allegories, plays, character sketches, from Bacon to Congreve. Th F S 10. Miss Lincoln. (II)]
211. Nineteenth-Century Literature. *Three hours each semester.* Th F S 10. Miss Randall. (II)
- [30a, 30b (30). Old English. Reading in prose and poetry of the period. [†]*Three hours.* Miss Williams.]
31. Chaucer. *Three hours each semester.* M T W 10. Mr Patch.
34. The History of the English Language. *Three hours each semester.* Th F S 9. First semester, Miss Williams; second semester, Mr McGee.
- 35a. Drama in England before 1560. Open to Sophomores by permission of the instructor. *Three hours.* M T W 9. Mr Withington. (II)
- 35b. English Drama from 1560 to 1642. Tudor and Stuart dramatic literature from the accession of Elizabeth to the closing of the theaters. This course includes an examination of Shakespeare's plays in relation to his predecessors, contemporaries, and successors. Open to Sophomores by permission of the instructor. *Three hours.* M T W 9. Mr Withington. (II)
- 36a. Shakespeare. A study of Shakespeare's dramatic development against the background of Elizabethan ideas, social, critical, and theatrical. Not open to students who have taken 37 with which this course alternates. *Three hours.* Th F S 12. Mr Fisher.
- 36b. Continuation of 36a. 36a is not a prerequisite. Not open to students who have taken 37. *Three hours.* Th F S 12. Miss Dunn.
- [37. Shakespeare. The dramatic and poetic art of Shakespeare. For students majoring in English. Not open to students who have taken 36a and b with which this course alternates. *Three hours each semester.* M T W 12. Mr Hill.]
- [38 (47). The King James Version of the Bible. Influence of its content and style on other English literature. For students majoring in English. *Three hours each semester.* M T W 3. Miss Chase.]

- 39b. Milton. *†Three hours.* Miss Lincoln.
- 310 (29). Eighteenth-Century Literature. *Three hours each semester.* M T W 11. First semester, Mr Nichol Smith and Miss Hornbeak; second semester, Miss Hornbeak.
311. Drama from 1660 to the Present. *Three hours each semester.* Th F S 10. Mr Lieder.
- 312a (313b). Drama in the Last Hundred Years. A continuation of 23, dealing mainly with Russian drama, French drama of 1845-90, Strindberg, German drama of 1890-1925, and Shaw. No plays read in 311 will be read in this course. Prerequisite, 23. *†Three hours.* Mr Eliot.
- 312b. Drama in Asia: India, the Indo-Chinese and Malay countries, Tibet, China, and Japan. *†Three hours.* Mr Eliot.
314. The English Novel. Prerequisite, six semester hours in Division A. *Three hours each semester.* M T W 11. Mr Hill.
319. Romanticism. Occasional lectures by members of the Departments of Art, Economics, French, German, Music, and Philosophy. *Three hours each semester.* Th F S 11. Miss Randall.
- 329 (212). American Literature to 1890. *Three hours each semester.* Th F S 9. Mr Arvin.
- 41, 41a, 41b. Special Studies. For Seniors by permission of the Department; for Juniors by permission. *†One hour or more.*
- 43b. Seminar. Wordsworth, Coleridge, and Others. Their poetical and literary theories and innovations; the background both of England and of the Continent, including political and social influences. *Three hours.* Th F 3. Miss Dunn.
- 44b. Seminar in British Literature since 1890. *†Three hours.* Mr R. G. Davis.
- 414b. The Nature and Theory of Poetry. *Three hours.* Th F S 12. Mr Fisher.
415. Literary Criticism. The historical background of modern problems. For Seniors. *Three hours each semester.* Th F S 9. Mr Lieder.
- 416a (331a). Transcendentalism in American Literature. Emerson, Thoreau, and Whitman. *Three hours.* Th F S 10. Mr Arvin.
- 416b (331b). American Fiction from 1830 to 1900. Hawthorne, Poe, Melville, Howells, and James. *Three hours.* Th F S 10. Mr Arvin.
- 417b. American Literature from 1890 to 1930. For students who have passed or are taking 329 or 416a or b. *Three hours.* Th F S 12. Mr Aaron.

B. Composition

Only one course in English composition may be taken in any one semester except by permission of the chairman. Second semester courses are open both to students who have and those who have not taken the corresponding course in the first semester.

[112a, 112b. Composition for Foreign Students. *†Three hours.*]

220a, 220b. Practice in Various Forms of Writing. *Three hours.* M T W 9, 2. Mr R. G. Davis.

345a (346b). Playwriting. Practice in writing the one-act play. *†Two or three hours.* Mr Eliot.

345b. Playwriting. 345a is not a prerequisite, but students who have passed it will write a full-length play. *†Three hours.* Mr Eliot.

347a, 347b. The Techniques of Writing for Publication. First semester, practice in writing fiction; second semester, practice in writing nonfiction. *Three hours.* M T W 2. Mr Bailey.

[428a, 428b. Short Story Writing. For Seniors by permission of the instructor. *†Three hours.* Mr R. G. Davis.]

429a, 429b. Advanced Playwriting. Prerequisite, 345a or b or the equivalent. *†One hour or more.* Mr Eliot.

C. Graduate Courses

50, 50a, 50b. Thesis for the Master's degree. *One hour or more.*

51, 51a, 51b. Advanced studies arranged in consultation with the Department. *†One hour or more.*

[52. Seminar in Old English Poetry. *Beowulf* and the poems traditionally ascribed to Cynewulf and Caedmon. *†Three hours each semester.* Miss Williams.]

53. Seminar in Middle English Poetry. Emphasis will be placed on the works of Chaucer, medieval romances, or medieval drama, according to the special needs of the students. Attention will be given not so much to the reading of texts as to problems of research. *†Three hours each semester.* Mr Patch.

54a. Early English Drama. *†Three hours.* Mr Withington.

54b. Elizabethan Drama. *†Three hours.* Mr Withington.

[55. Shakespeare. Critical problems, textual and literary. Lectures and reports. *†Three hours each semester.* Miss Dunn.]

[57. Studies in Seventeenth-Century Literature.]

58. Studies in Eighteenth-Century Literature. *†Three hours each semester.* President Davis and Miss Hornbeak.

59a, 59b. Studies in Nineteenth-Century Poetry. *†Three hours.* Mr Lieder.

[510. Studies in Prose Fiction. *Three hours each semester.* Miss Muchnic.]

512a, [512b]. Studies in American Literature. *†Three hours.* Mr Aaron.

Adviser of graduate study: Mr Patch.

THE MAJOR

Advisers: Mr Patch, Mr Lieder, Mr Withington, Miss Dunn, Mr Arvin, Miss Hornbeak, Mr Fisher, Miss Williams, Miss Lincoln.

Based on six semester hours from Division A.

Essential Courses: twenty-four semester hours from Division A, including at least one of the following: 30, 31, 34, or a course in Greek language and literature.

Optional Courses: six semester hours in Divisions A or B or, with the consent of the adviser, in a foreign literature or other closely allied field.

In consultation with her adviser every student should arrange the program of her three upper years so as to allow for a reasonable distribution in different periods of literature.

Honors

Director: Mr Hill. Advisers of the major will also act as advisers for Honors candidates.

Prerequisites: see the requirements for entrance to the major.

Program: students must fulfill the general requirements of the major. The units offered by the Department carry six hours of credit in each semester, and cover the fields of literary history, major figures, the primary types, and literary theory and criticism. Candidates must take at least one unit in each semester of Junior and Senior years, and are expected to take at least one unit or course in each of the four fields.

In first semester of Senior year Honors students will present a long paper to count for six hours credit, but not within the essential twenty-four semester hours outlined in the major.

Each student must correlate a small and carefully circumscribed area of her work in English with at least six hours in units or courses in a closely related field, *e.g.* history, philosophy, religion, classics, modern languages, the theater, art, and music; or with work in linguistics and composition in the Department.

Examinations: two examinations will be general, the third will test the candidate's work in her chosen program of correlation.

A fuller statement of the Honors program may be obtained from the director or the advisers of the major.

FRENCH LANGUAGE AND LITERATURE

PROFESSORS:	VINCENT GUILLOTON, AGRÉGÉ DE L'UNIVERSITÉ HÉLÈNE CATTANÈS, DOCTEUR DE L'UNIVERSITÉ DE PARIS
ASSOCIATE PROFESSORS:	RENÉ GUIET, DOCTEUR DE L'UNIVERSITÉ DE PARIS, <i>Chairman</i> YVONNE IMBAULT-HUART, BI-ADMISSIBILITÉ À L'AGRÉGATION, O.A.
	LOUISE MARIE BOURGOIN, LIC. ÈS L., O.A. **MADELEINE GUILLOTON, A.M., LIC. ÈS L.
	MARTHE STURM, LIC. ÈS L., DIPLÔME D'ÉTUDES SUPÉRIEURES MARGARET HILL PEOPLES, PH.D.
	MARINE LELAND, PH.D.
ASSISTANT PROFESSORS:	A. JEANNE SALEIL, AGRÉGÉE DE L'UNIVERSITÉ JEANNE SEIGNEUR GUIET, A.M.
	ANNE GASOOL, A.M.
	MARCEL VIGNERAS, PH.D.
	RUTH TEMPLETON MURDOCH, A.M., CERT. D'APTITUDE À L'ENSEIGNEMENT DU FRANÇAIS À L'ÉTRANGER
	ALICE LOUISE BENJAMIN, A.M.
	BRADFORD COOK, B.A.

All classes in the Department except 28 and 312a are conducted in French.

Students who need assistance in French pronunciation will be urged to take 24a or b as early in the college course as possible.

Students planning to major in French, who have entered with only two units of an inflected language, will be required to take Latin 11a, Greek 12a, or six hours of the classics in translation: Greek 18a, Latin 18b, 28. It is recommended that they have a reading knowledge of a second language (ancient or modern), and that they take a general course in English literature and one in European history.

A. Language

- 11D. Elementary Course, first and second parts. *Six hours each semester.* T W Th F S 10, T W 9 Th F S 10, and one daggered hour. Members of the Department. (I)
12. Elementary Course, second part. Prerequisite, two units in French. *Three hours each semester.* M T W 10, 12; Th F S 9, 12. Members of the Department. (I)
13. Reading, Grammar, and Composition. Prerequisite, three units in French, 12, or 11D. *Three hours each semester.* M T W 9, 10, 11, 12; Th F S 9, 10, 11, 12. Members of the Department. (I)
22. Intermediate Course. Reading and discussion of modern texts. Written and oral reports. Prerequisite, four units in French or 13; by permission, 11D, 12, or three units. *Three hours each semester.* M T W 10, 12; Th F S 9, 10, 11. Members of the Department. (I)
- 24a. Theoretical and Practical Phonetics. Exercises in hearing, pronunciation, and phonetic dictation. Two class hours. *One hour.* Th F 4. Miss Sturm.
- 24b. A repetition of 24a.
- 31a, 31b. Advanced Course in Grammar and Composition. Recommended to those who intend to teach French. Prerequisite, 22 (or the equivalent by permission of the instructor). 31a is not required for 31b. *Three hours.* M T W 10. Miss Sturm.
- 34b. Advanced and Experimental Phonetics. Prerequisite, 24a or by permission of the instructor. *Two hours.* Miss Sturm.
35. Advanced Translation into English. For students who have passed or are taking 31a or b, or by permission of the instructor. *One hour each semester.* Miss Leland.
- 37a. Teachers' Course. Discussion of problems of modern language teaching. May be counted toward a major in education. *Three hours.* Miss Cattanès.

B. Literature

Unless otherwise stated the prerequisite for courses of Grade III is 26 or permission of the instructor.

26. French Literature of the Seventeenth Century. Prerequisite, four units in French, 13, or by permission. *Three hours each semester.* M T W 9, 10, 11, 12; Th F S 9, 10, 11, 12. Members of the Department. (I and II)
28. Survey of French Literature from 1600 to 1900, conducted in English. Prerequisite, 13 or four units in French. Not open to students who plan to major in French. *Three hours each semester.* M T W 11, Th F S 10. Members of the Department. (II)

- 310b. Life and Works of Molière. To alternate with 321b. \dagger Three hours. Miss Cattanès. (II)
- 311a. French Literature in the First Part of the Nineteenth Century. Three hours. M T W 9, Th F S 9. Mr Guilloton, Miss Imbault-Huart. (II)
- 311b. French Literature in the Latter Part of the Nineteenth Century. Prerequisite, 311a or by permission of the instructor. Three hours. M T W 9, Th F S 9. Mr Guilloton, Miss Imbault-Huart. (II)
- 312a. French-Canadian Civilization from 1763 to the present. Conducted in English. Three hours. W Th F 2. Miss Leland. (II)
- 313b. French Literature in the Eighteenth Century. Three hours. Th F S 10. Mr Guiet. (II)
- 316a. French Literature to the End of the Renaissance. Three hours. Th F S 10. Mr Guiet. (II)
- 318a (318b). Contemporary French Drama. Prerequisite, 311a and b or by permission of the instructor. Three hours. Th F S 9. Mrs Guilloton.
- 318b (318a). Contemporary French Novel. Prerequisite, 311a and b or by permission of the instructor. Three hours. Th F S 9. Miss Sturm.
- [321b. Life and Works of Racine. To alternate with 310b. \dagger Three hours. Mr Guilloton. (II)]
- 322b. The Great Historians of France, from the chroniclers of the Middle Ages to the present. Three hours. Th F S 11. Miss Imbault-Huart. (II)
- 323a. French Civilization. Physical environment of France, the French people, survival of characteristics in the provinces, institutions of modern France, French colonies. For students who have passed or are taking 311a or by permission of the instructor. Three hours. Th F S 11. Miss Imbault-Huart. (II)
- 41, 41a, 41b. Special studies in French language or literature. By permission. \dagger One hour or more.
- [42b. Advanced Stylistics and Composition. Prerequisite, candidacy for Honors or by permission of the instructor. Recommended to those who intend to teach French. \dagger Three hours: Mr Guilloton.]

Graduate Courses

- 50, 50a, 50b. Thesis for the Master's degree. One hour or more.
- 51, 51a, 51b. Advanced studies arranged in consultation with the Department. \dagger One hour or more.
52. Old French Linguistics. First semester, phonology; *Chanson de Roland*. Second semester, morphology; *Aucassin et Nicolette*, *Yvain*, *Lais (Marie de France)*. Graduate students may, with permission of the instructor, enter the course in second semester. \dagger Three hours each semester. Miss Leland.
53. Problems of Modern Syntax. \dagger Two hours each semester. Miss Cattanès.
- 55a. Studies in Old French Literature. \dagger Three hours. Miss Leland.
- 56a. Development of Literary Criticism in France. \dagger Three hours. Mr Guilloton.

- 56b. Literary Relations between England and France in the Eighteenth Century.
†*Three hours.* Mr Guilloton.
- 57a. History of Modern French Thought from the Renaissance to the present.
†*Three hours.* Miss Sturm.
- 58b. Montaigne. †*One hour or more.* Mr Guiet.
- 59a. Victor Hugo. †*Three hours.* Miss Peoples.
- 59b. Rousseau. †*Three hours.* Miss Peoples.
- 510a(510b). French Poetry from 1885 to the present. †*Three hours.* Mrs Guilloton.

Adviser of graduate study: Mr Guilloton.

THE MAJOR

Advisers: Miss Sturm, Miss Peoples.

Based on 13.

Essential Courses: 22, 31a or b, 26, 311a and b, 313b or 316a, 323a.

Optional Courses: any language or literature course in French above Grade II except 312a.

A student may substitute for one course in the major subject a closely related course in language or literature (ancient or modern), or in art, history, or philosophy.

Honors

Directors: Chairman of the Department, Miss Sturm.

Prerequisite: 26.

Program:

Requirements: 311a and b, 31a, 313b or 316a, 323a. Honors candidates will meet in special sections when the number of registrations in Honors justifies such an arrangement, otherwise the regular course will be adapted to their needs.

A review unit; a unit devoted to the study of one of the following authors and which will involve the writing of a paper (in English): Rabelais, Montaigne, Corneille, Molière, La Fontaine, Boileau, Pascal, Racine, Voltaire, Rousseau, Chateaubriand, Victor Hugo, Balzac, Baudelaire, Proust.

Optionals: any unit or specially adapted course in French of Grade III or IV; any unit or course of Grade III or IV in an allied field approved by the director.

Examinations: of the three examinations, the two on literature will be written in English. One general examination on the whole field of French literature; one specialized examination on a limited period (sixteenth, seventeenth, eighteenth, or nineteenth century, or the modern field); one on language with translation from English to French, from French to English, and a short composition in French.

Units

The Seventeenth Century.

The History of Ideas.

Modern Poetry.

Language (translation from English to French and French to English).

Review.

GEOLOGY AND GEOGRAPHY

PROFESSOR: †HOWARD AUGUSTUS MEYERHOFF, PH.D.

ASSOCIATE PROFESSORS: ROBERT FRANK COLLINS, A.M.

CAROLINE ELLA HEMINWAY, PH.D., *Chairman*

BENJAMIN MARTIN SHAUB, PH.D.

ASSISTANT PROFESSORS: *HELEN STOBBE, A.M.

MARSHALL SCHALK, PH.D.

ELIZABETH WARREN OLNSTED, A.M.

INSTRUCTOR: MARGARET PENDLETON, A.M.

Students planning to major or to do Honors work in geology or geography are advised to take at least one of the following: chemistry, physics, or zoology.

11. General Geology. Forces of nature now modifying the materials and structure of the earth; history of the earth. Field trips. Two lectures and one hour of discussion following two hours of laboratory. *Three hours each semester.* Lec. Th F 10; Lab. and discussion, M, T, Th, F 2-5. Mr Collins, Mr Schalk, Miss Olmsted. (III 1)

13. North America. Nature and origin of the continent's physical features and natural resources; their part in colonization and industrial expansion. *Three hours each semester.* M T W 9. Miss Olmsted. (III n)

21a, 21b. Introductory Meteorology. The weather elements; their observation; air mass analysis; short-term and aeronautical forecasting; climatology. 21a is open, by permission of the chairman, to Freshmen who have had adequate training in mathematics and physics; prerequisite for 21b, 21a. Two lectures and one demonstration. *Three hours.* Th F S 9. Mr Schalk. (III n)

22a. Advanced Physical Geology. Detailed examination of the dynamic geographic agents and their effects. Prerequisite, 11. *Three hours.* Lec. M T 11; Lab. W 11 and 2-4. Mr Schalk. (III 1)

22b. Elementary Structural Geology. Origin and surface expression of the structural elements of the earth's crust. Prerequisite, 11. *Three hours.* Lec. M T 11; Lab. W 11 and 2-4. Miss Olmsted. (III 1)

23a, 23b. Paleontology. Morphology, classification and geological significance of fossil invertebrates. Prerequisite, 11 or elementary zoology; 23a is not required for 23b. Two lectures and two and one-half hours of laboratory. *Three hours.* Lec. M T 12; Lab. W 12, one and one-half hours to be arranged. Miss Heminway. (III 1)

24a. Mineralogy. General principles; study of the more important rock-forming and economic minerals. For students who have passed or are taking 11, Chemistry 11 or 12, or Physics 11. Lecture and recitation, two hours; laboratory, two and one-half hours. *Three hours.* Lec. and rec. Th F 9; Lab. F 2. Mr Shaub. (III 1)

25b. Lithology. Interrelation of the main rock types; their origin, structure, mineral composition, occurrence, and economic importance. Field methods of identification. Prerequisites, 11 and 24a. Lecture and recitation, two hours; laboratory, two and one-half hours. *Three hours.* Lec. and rec. Th F 9; Lab. F 2. Mr Shaub. (III 1)

26. Economic Aspects of Geography. Natural resources of the world in relation to climatic, physiographic, and geologic setting; geographic factors in the development of the world's great trade routes. *Three hours each semester.* M T W 11. Miss Pendleton. (III n)
- 27a, 27b. Gems and Gem Materials: their properties, origin, preparation, and history. Laboratory identification; cutting and polishing. 27a is required for 27b. Two lectures and one two-and-one-half-hour laboratory period. *§Three hours.* Lec. Th F 11. Mr Shaub.
- 28a or 28b. Map Making. Principles of surveying, cartographic drafting and editing, map reproduction methods. Practice in map reading, map manuscript compilation, and simple map drafting. Lecture, two hours; laboratory, two and one-half hours. *Three hours.* Lec. Th F 12; Lab. Th 2-4:30. Mr Collins.
- [29a], 29b. Geologic and Geographic Illustration. Cartography, block diagrams, physiographic drawing, and preparation of drawings for reproduction. Prerequisite, 11; 29a is not required for 29b. *Three hours.* Th F S 11. Mr Collins.
- 31a. Geography of Asia. Influence of relief, climate, and natural resources on the life, movements, and history of its peoples. *Three hours.* M T W 10. Miss Pendleton.
- 31b. Geography of Europe and North Africa, with the same emphasis as in 31a. *Three hours.* M T W 10. Miss Pendleton.
- 32b. South America. Geography of the continent; climatic and physiographic backgrounds of cultural, political, and economic development. *Three hours.* Th F S 11. Miss Pendleton.
- [33a], 33b. Physiography of the United States. Geologic origin and development of the country's natural regions. Prerequisite, 11; 33a is not required for 33b. *Three hours.* M T W 10. Miss Olmsted.
- 34a, 34b. Economic Geology. Lectures and laboratory study of geological products of commercial value. Prerequisites, 11 and Chemistry 11, or Geology 24a. *§Three hours.* Lec. Th F 12. Mr Shaub.
- 35a, 35b. Historical Geology. Evolution of modern life and its relation to Cenozoic environment. Prerequisite for 35a, 11; for 35b, 35a. *Three hours.* M T W 10. Mr Collins.
- 36a, 36b. Field Geology. Methods; theory and use of Brunton, alidade, and other mapping instruments; topographic and geologic surveying; applied structural geology. Prerequisite for 36a, 11; for 36b, 36a. *Three hours.* T Th 2-6. Miss Heminway.
- 37b. Stratigraphy. Geological systems and subdivisions; their invertebrate fossil content and lithologic characteristics. A field trip of one or more days. Prerequisite, 23a or b. *†Three hours.* Miss Heminway.
- [38a], 38b. Optical Mineralogy and Petrography. Optical properties and identification of minerals in fragments and thin sections; identification and classification of rocks with the polarizing microscope. Prerequisite for 38a, 24a; for 38b, 25b and 38a. *†Three hours.* Mr Shaub.

- 41, 41a, 41b. Special studies in geology or geography. By permission of the Department. *†One hour or more.*
42. Seminar in Geology, based on three semester hours in each of the following: paleontology, mineralogy, and physical geology or physiography. For Seniors majoring in geology, for others by permission of the director. *Three hours each semester.* M 2-5. Members of the Department. *Director,* Miss Heminway.
43. Seminar in Geography. For Seniors majoring in geography, for others by permission of the director. *Three hours each semester.* T 2-5. Members of the Department. *Director,* Miss Pendleton.
- 50, 50a, 50b. Thesis for the Master's degree. *One hour or more.*
- 51, 51a, 51b. Individual problems in geology or geography. *†Two hours or more.*
- 52, 52a, 52b. Paleontology or Stratigraphy. *†Two hours or more.* Miss Heminway.
- 53, 53a, 53b. Physiography or Structural Geology. *†Two hours or more.* Miss Olmsted.
- 54, 54a, 54b. Comparative Anatomy, Adaptive Radiation, and Taxonomy of Cenozoic Mammals. Prerequisite, Zoology 22 or the equivalent. For graduate students by permission of the instructor; for Seniors by permission. *†Three hours or more.* Mr Collins.
- 55, 55a, 55b. Crystallography, Mineralogy, Petrology, or Gemology. *†Three hours.* Mr Shaub.
- 56, 56a, 56b. Micropaleontology. Foraminifera and their classification; methods of laboratory technique; individual problems on the identification of foraminifera from important stratigraphic horizons. Also for Seniors by permission. Lecture, two hours; laboratory, four hours or more. *†Three hours or more.* Miss Heminway.
- 57, 57a, 57b. Cartography. Problems in the methods and technique of map making and physiographic illustration; conferences on the history of maps. *†One hour or more.* Mr Collins.

Adviser of graduate study: Miss Heminway.

THE MAJORS

In addition to the essential courses listed below, each student is expected to take a three-day field trip, conducted by members of the Department, to an area of outstanding geologic interest. Approximate cost, \$15.

A. Geology

Adviser: Miss Heminway.

Based on 11.

Essential Courses: 36a and b or the equivalent *and* 42.

Optional Courses: other courses in geology; courses in other sciences to be selected subject to the approval of the adviser.

B. Geography

Adviser: Miss Heminway.

Based on 11, 13, 21a, or 26.

Essential Courses: 11 if not already taken; 43 and six hours above Grade II in the department.

Optional Courses: other courses in geology; courses in other sciences, history, and economics to be selected subject to the approval of the adviser.

Honors

Director: Miss Heminway.

Two programs are offered: A affords maximum choice of courses for the general geology student; B provides the best course selections in anticipation of graduate study.

Prerequisites and Program: for A—11; 22a and b, 23a and b, 24a, 25b, 36a and b, 42, and eighteen additional hours in geology. All Grade II courses must be completed before the end of Junior year.

For B—11; six semester hours chosen from 22a and b, 23a and b, or 24a and 25b; one year of college chemistry, physics, or zoology. In Junior year any Grade II courses listed that have not been taken, and a year of work in chemistry, physics, or zoology chosen in consultation with the director. Before graduation the candidate will take 36a and b, 42, and six semester hours in each of the following fields: petrography and economic geology, paleontology and historical geology, structure and physiography.

Examinations: two will be in the general field of the major; a third may be in a field of concentration.

GERMANIC LANGUAGES AND LITERATURES

PROFESSOR: PAUL GERALD GRAHAM, PH.D., *Chairman*

ASSOCIATE PROFESSORS: ANN ELIZABETH MENSEL, M.A.

MARIE SCHNIEDERS, PH.D.

INSTRUCTORS: HELENE SOMMERFELD, A.M.

ANITA LURIA ASCHER, PH.D.

Students who possess a thorough knowledge of German considerably in excess of what they need to offer for admission, or of what their preparatory school work indicates, may be assigned to more advanced classes. They should consult the chairman of the Department.

Students planning to major in German should carry work in German both years and should have some knowledge of German history. At least one course in philosophy is also recommended.

A. German Language

11D. Intensive Elementary Course. Nine class hours. *Six hours each semester.* M T W 9 or 10 and six hours to be arranged. Miss Schnieders (*Director*) and members of the Department. (I)

11. Elementary Course. For Juniors and Seniors only. *Three hours each semester.* W Th F 2. Mrs Mensel.

12. Intermediate Course. Prerequisite, two units in German or 11. *Three hours each semester.* Th F S 11. Mrs Mensel. (I)
21. Composition and Conversation. Prerequisite, three units in German, 11D, 12, or the equivalent. *Three hours each semester.* M T W 9. Mrs Sommerfeld. (I)
- [23. Scientific German. For students who wish to use the language in investigation. Prerequisite, 11 or the equivalent. *Three hours each semester.* Th F 10 and one hour to be arranged individually. (I)]
- [31. Advanced Composition and Stylistics.]

B. German Literature

Unless otherwise stated the prerequisite for courses of Grade III is a Grade II course except 23, or the equivalent.

- 25a, 25b. Modern Prose. *The Novelle* of the nineteenth and twentieth centuries. Prerequisite, three units in German, 11D, 12, or the equivalent. *Three hours.* Th F S 12. Mrs Mensel. (I and II)
26. An Introduction to the Classical Literature of the Eighteenth Century. Selections from the works of Lessing, Goethe, and Schiller. Prerequisite, three units in German, 11D, 12, or the equivalent. *Three hours each semester.* M T W 10, Th F S 10. Mr Graham, Miss Schnieders. (I and II)
- 34a, 34b. German Literature of the Nineteenth Century, beginning with the romantic movement. *Three hours.* Th F S 9. Mr Graham. (II)
- 35a. An Historical Survey of German Literature from the earliest times to the middle of the eighteenth century. *Three hours.* Th F S 11. Miss Ascher. (II)
- 38b. Masters of Modern German Literature. Selected works of representative writers since 1890. *Three hours.* M T W 12. (II)
- 311a. Goethe: his life and works. *Three hours.* M T W 9. Mrs Sommerfeld. (II)
- 311b. Goethe's *Faust*, Parts I and II. Prerequisite, 26, 311a, or the equivalent. *Three hours.* M T W 9. Mrs Sommerfeld. (II)
- 41, 41a, 41b. Special studies arranged in consultation with the Department. For Seniors; or for Juniors by permission. †*One hour or more.*

C. Scandinavian

- [313. Modern Norwegian: readings from Ibsen, Bjørnson, Lie, Undset, Hamsun, etc. Miss Schnieders.]

D. Dutch

- [15. Elementary Course, with emphasis on reading and translation. By permission of the instructor. †*Three hours each semester.* Mr Vorenkamp.]

E. Germanic Philology

- [42. Historical Survey of the German Language. Miss Schnieders.]
- [43. Old Norse. Miss Schnieders.]

F. Graduate Courses

- 50, 50a, 50b. Thesis for the Master's degree. *One hour or more.*
- 51, 51a, 51b. Special studies in the fields of literature and linguistics arranged in consultation with the Department. *†One hour or more.*
- [52. Middle High German. *†Two hours each semester.* Miss Schnieders.]
- [53. Gothic. Open also to students of the English Department. *†Two hours each semester.* Miss Schnieders.]
56. Classical Literature. Lessing, Schiller, Goethe. Hours and credit arranged individually.
57. The Nineteenth Century. The novel, drama, or lyrics. Hours and credit arranged individually.

Adviser of graduate study: Mr Graham.

THE MAJOR

Adviser: Mrs Mensel.

Based on 11D or 12.

Essential Courses: 21 or 31, 35a, and fifteen semester hours of other German courses above Grade II.

Optional Courses: courses in German above Grade I.

A student may substitute for one course in the major subject a closely related course in a foreign literature, history, or philosophy.

Honors

Director: Mr Graham.

Prerequisites: 21, 25a and b, 26, or the equivalent.

Program: a minimum of forty-eight semester hours.

Requirements: a minimum of twenty-four semester hours in the Department; twelve semester hours in related fields; three semester hours in first semester of Senior year on the preparation of a paper; three hours in second semester on review.

Examinations: an examination on the general field; one on a specialized field; and an analytical examination which may include such topics as problems of analysis, criticism and style, translation from German into English and from English into German, a composition in German.

Units

The Department will offer units in the fields of linguistics, literature, and language for Honors students in German or for Honors students in other departments who have had a Grade II course in German. In addition units conducted in English will be offered for Honors students in other departments who have had no German.

GOVERNMENT

PROFESSOR:	§ALICE M. HOLDEN, PH.D., <i>Chairman</i>
ASSISTANT PROFESSORS:	JOHN CALYER RANNEY, PH.D., <i>Acting Chairman</i> GWENDOLEN MARGARET CARTER, PH.D.
LECTURER:	DANIEL AARON, PH.D.
VISITING LECTURERS:	LOUISE W. HOLBORN, PH.D.
INSTRUCTORS:	DONALD G. MORGAN, PH.D. CHARLES R. NIXON, A.B. *ELEANOR TABOR LINENTHAL, A.B. HERBERT SONTHOFF, A.M.
TEACHING FELLOW:	CLAIRE MALI, A.B.

For students planning to major or to do Honors work in the department Government 21, History 11, Economics 21, and Sociology 26 are suggested. See also the Honors program.

11. Introduction to Politics. Leading problems, principles, and concepts in political science. For Freshmen and Sophomores only. Two lectures and one recitation. *Three hours each semester.* Lec. M T 12. Rec. T 3; W 9, 11, 12; Th 12, 2, 3. Mr Ranney, Mr Nixon, Mrs Linenthal, Mr Sonthoff, Miss Mali. (IV)
21. American Government. A survey of American government—national, state, and local. *Three hours each semester.* M T W 10. Mr Nixon. (IV)
31. Comparative Government. Ideas and institutions of democratic and totalitarian governments, with special attention to England, Germany, France, and Russia in comparison with the United States. Prerequisite, 11, History 11, or by permission of the instructor. *Three hours each semester.* M T W 9. Mr Ranney.
- 32b. The British Commonwealth of Nations. Its development and organization, and a study of political ideas and institutions in Canada, Australia, New Zealand, South Africa, Eire, and India. Prerequisite, 11, History 11, or by permission of the instructor. *Three hours.* Th F S 10. Miss Carter.
- 33b. American Constitutional Law. Fundamental rights and guarantees under the Constitution as interpreted by decisions of the Supreme Court affecting personal rights. Prerequisite, 21 or by permission of the instructor. *Three hours.* M T W 2. Mrs Linenthal.
- 34a. American Politics: Political Parties. Their techniques and their place in the American system. *Three hours.* M T W 3. Mr Nixon.
- 34b. American Politics: Pressure Groups. A study of their rôle in American politics and their effect on the theory and practice of "government by public opinion." *Three hours.* M T W 3. Mr Nixon.
- 35a. International Law. *Three hours.* Th F S 10. Miss Holborn.
- 36a. Public Administration: Administrative Organization. Efficient organization of the public service, the budget as a plan of policy, rôle of an expert civil service, and techniques of administrative action and responsibility. *Three hours.* M 11 W 10-12. Mr Morgan.
- 36b. Public Administration: Government Regulation. Relationship of government to industry, agriculture, labor, investment, transportation, communications, housing, and health. *Three hours.* M T W 11. Mrs Linenthal.

37. International Relations. History and practice of international relations and the development of international organization. *Three hours each semester.* W Th F 2. Miss Holborn.
- 39a. American Diplomacy. A study of the foreign policy of the United States. Prerequisite, 37 or a course in American history, or by permission of the instructor. *Three hours.* Th F S 12. Miss Carter.
323. History of Political Thought from Plato to the present, with attention to Greek political philosophy, the Stoics, medieval theory, rise of the nation-state, and approaches to an international world order. Designed to provide a foundation for the understanding of current political problems. *Three hours each semester.* Th F S 11. Miss Carter and Mr Kraushaar.
- 324a. American Political Thought from the Seventeenth Century to the Present. *Three hours.* Th F S 9. Mr Aaron.
- 41, 41a, 41b. Special Studies. By permission of the Department. *†One hour or more.*
- 42b. Seminar in Contemporary Political Thought. Modern political theories and current conceptions of sovereignty, liberty, equality, law, and the bases of a world order. By permission of the instructor. *†Three hours.* Miss Carter.
- 43b. Seminar in International Organization. The evolution of modern international government; the United Nations organization and allied bodies. By permission of the instructor. *†Three hours.* Miss Holborn.
- 44b. Seminar in Public Personnel Administration. Development and organization of the British and American civil services, with special attention to problems of personnel administration. Students will conduct independent research projects. By permission of the instructor for students desiring to enter the Public Service. *†Three hours.* Miss Holborn.
- [45a. Seminar in Comparative Institutions. A comparative study of the nature and functions of contemporary political institutions: parliamentary and cabinet systems, methods of representation and election, political parties, types of constitutions and methods of amendment, federal governments. Prerequisites, 31 and permission of the instructor. *†Three hours.* Mr Ranney.]
- 47b. Interdepartmental Seminar in Economics, Government, and Sociology: for 1946-47, Minority groups in the United States. By permission of the director, Mr Nixon. *†Three hours.* Members of the participating departments.
- 50, 50a, 50b. Thesis for the Master's degree. *One hour or more.*
- 55a, 55b. Seminar. *†Three hours.* Mr Ranney, Miss Holborn.
- Adviser of graduate study: Miss Carter.

THE MAJOR

Advisers: Mr Ranney, Miss Carter.

Based on 11.

Essential Courses: eighteen semester hours in government including 323.

Optional Courses: other courses in government; courses in history and economics; courses in sociology and philosophy approved by the adviser.

Honors

Director: Miss Carter.

Prerequisites: 11 and at least one introductory course in history, economics, or sociology.

Program:

Minimum requirement: in Junior year, a unit in the history of political theory, directed reading (three semester hours in second semester); in Senior year, a unit, long paper, and directed reading (normally six semester hours in second semester).

A full Honors program is recommended.

The work must be taken in a special field consisting of specified subjects, (1) American government, (2) comparative institutions, (3) international affairs, or (4) political theory.

Long paper: in most cases to count for six semester hours, but exceptionally for three; to be handed in the middle of second semester.

Examinations: one comprehensive paper in political science and theory; one in the special field; one in a specific subject.

Units

Political Theory. *First semester*, Miss Carter.

Comparative Government. *Second semester*, Mr Ranney.

International Law. *First semester*, Miss Holborn.

Studies in the American Democratic Tradition. *Second semester*, Mr Aaron.

HISTORY

PROFESSORS:

- **SIDNEY R. PACKARD, PH.D.
- HAROLD UNDERWOOD FAULKNER, PH.D., L.H.D.
- VERA BROWN HOLMES, PH.D.
- HANS KOHN, DR. JUR.
- LEONA CHRISTINE GABEL, PH.D., *Chairman*
- VINCENT M. SCRAMUZZA, PH.D.

ASSOCIATE PROFESSORS: *JEAN STRACHAN WILSON, PH.D.

- **ELISABETH KOFFKA, PH.D.

ASSISTANT PROFESSOR: WHITNEY ROGERS CROSS, PH.D.

VISITING LECTURERS: ALLEN AUSTIN GILMORE, PH.D.

- ²HENRY H. B. NOSS, A.M.

INSTRUCTORS: LAURA ANNA BORNHOLDT, PH.D.

- JANE ELEANOR RUBY, M.A.

TEACHING FELLOWS: KATHERINE SOMMERLATTE VAN EERDE, PH.D.

- ELEANOR VICTORIA JENNINGS, A.B.

- MARIAN JOYCE ATKINSON, A.B.

The prerequisite for all other courses in the Department is 11 or 13.

11. General European History. A survey of the history of Europe from the decline of the Roman Empire to the present. One lecture and two recitations. *Three hours each semester*. Lec. M 2. Rec. M T 3, 4; T W 10, 11, 12, 2; Th F 10, 11, 12. Mr Packard (*Director 1st sem.*), Miss Gabel, Miss Wilson (*Director 2d sem.*),

- Mrs Koffka, Mr Gilmore, Mr Noss, Miss Bornholdt, Miss Ruby, Mrs Van Eerde. (IV)
13. History of the Americas. A survey of the history of North and South America from their discovery to the present: American Indian cultures, colonial societies, revolutionary movements, and national developments in Hispanic-America, the United States, and Canada. *Three hours each semester.* Th 9, 10, or 12 and F S 9. Mrs Holmes with the co-operation of Mr Faulkner, Mr Cross, Miss Bornholdt, and others. (IV)
- 21 (12). Greece and Rome. The history of Greece is studied as the first significant stage of Western civilization. Special attention is given to those contributions by Rome which have become a part of Western life and thought. *Three hours each semester.* M T W 10. Mr Scamuzza. (IV)
- [22. Greek and Roman Archaeology, with special attention to architecture and sculpture, and to the study of vases, coins, terra cottas, gems, and paintings. *Three hours each semester.* (II and IV)]
- 24a. Early English History to 1660. *Three hours.* M T W 10. Mr Packard. (IV)
- 24b. English History since 1660. *Three hours.* M T W 10. Miss Wilson. (IV)
- 25b. The History of Science in the Modern World. The development of new methods and tools in the natural sciences since the Renaissance; some of the resulting discoveries and their relation to literature, philosophy, industry, and war. *Three hours.* Th F S 10. Mr Noss.
28. History of the United States. A survey of the life of the American people from the period of discovery to the present, emphasizing cultural and economic as well as political factors in the development of the nation. *Three hours each semester.* Th F S 10. Mr Cross. (IV)
29. American Economic History, with special emphasis upon the westward movement. Economic development of the United States and its influence upon political history. *Three hours each semester.* M T W 10. Mr Faulkner. (IV)
- 31b. The Quest for Peace in the Ancient World. Open to Sophomores by permission of the instructor. *Three hours.* M T W 9. Mr Scamuzza. (IV)
- 32a. The Ancient Near East. Civilization in Egypt, Mesopotamia, Asia Minor, Syria, Palestine, and Persia. Open to Sophomores by permission of the instructor. *Three hours.* M T W 9. Mr Scamuzza. (IV)
- [32b. Modern Oriental Civilizations. History and civilizations of the Near East in the periods of the Byzantine, Arabian, and Turkish Empires, and in modern times. Open to Sophomores by permission of the instructor. *Three hours.* (IV)]
- [33a. History of Greece in the Age of Pericles. Open to Sophomores by permission of the instructor. *Three hours.* M T W 9. Mr Scamuzza. (IV)]
- [33b. The Roman Empire. History of Rome from the late Republic to the decline of the Empire. Open to Sophomores by permission of the instructor. *Three hours.* M T W 9. Mr Scamuzza. (IV)]
- [35a. Economic and Social History of Europe in the Middle Ages. *Three hours.* M T W 10. Mr Packard.]

- [35b. Cultural History of Europe in the Middle Ages. Prerequisite, 11 or 35a.
Three hours. M T W 10. Mr Packard.]
36. Age of the Renaissance and Reformation. A study of the transition from medieval to modern times. *Three hours each semester.* Th F S 9. Miss Gabel.
- 38a. Intellectual History of Europe in the Eighteenth Century: main trends of thought in the fields of philosophy, history, theology, literature, and social relations. *Three hours.* M T W 11. Mrs Koffka.
39. Modern European History. Political, social, and cultural movements from 1815 to the present. *Three hours each semester.* M T W 12. Mr Kohn.
- [310b (310). Modern Britain. Political, social, and intellectual Britain in the nineteenth and twentieth centuries. *Three hours.* M T W 11. Miss Wilson.]
- 315b. Intellectual History of Continental Europe, 1830-1930. The history of ideas as expressed in political and social thought and in literature in France, Germany, and Russia. For Seniors; for Juniors by permission of the instructor. *Three hours.* M T W 11. Mr Kohn.
- [316a. Modern Imperialism, with special emphasis upon the Near East and Asia. *Three hours.* M T W 11. Mr Kohn.]
- [317a. History of Russia from the Kievan period to the present, with emphasis on the nineteenth and twentieth centuries. *Three hours.* Th F S 10.]
- [317b. The Far East in Modern Times. A survey of political, economic, and diplomatic developments, with emphasis on China and Japan. *Three hours.* Th F S 10.]
- 320b (320). History of the United States in Recent Times. Effects of social and technological changes on the economic problems of the American people, their political interests and party organizations, cultural development, and relations with the rest of the world. *Three hours.* M T W 11. Mr Faulkner.
- 321a, 321b. Intellectual History of the United States. Cultural interests and achievements of the American people and their leaders in relation to social and economic environment, with special emphasis on the interchange of American and European ideas, agencies of intellectual life, and developments in religion, science, and the arts. *Three hours.* Th F S 11. Mr Cross.
- 325 (325a). Latin-American History. A study of the Latin-American states from their independence to the present. Open to Sophomores by permission. *Three hours each semester.* Th F S 11. Mrs Holmes. (IV)
- 41, 41a, 41b. Special Studies. For Seniors by permission of the instructor; for Juniors by permission. *†One hour or more.*

Undergraduate Seminars

These courses are limited to ten students and are open with the permission of the instructors to Seniors, and to Juniors who have completed a second course in history. They will ordinarily meet each week for two hours, counting as *three*. In special cases Honors students may be permitted to take a seminar for *six* hours' credit.

- 42b. Ancient History: Great Ancient Historians. Mr Scramuzza.

- [44a. Selected Topics in the Comparative History of Medieval France and England. Th 4. Mr Packard.]
- 47a. Revolution and Dictatorship. The French Revolution and Napoleon, with special attention to the influence of liberal thought, the rôle of pressure groups, development of nationalism and imperialism, and rise of dictatorships. Miss Gabel.
- [49b. Revolutions of the Seventeenth Century. An intensive study of the English revolutions, and comparisons with contemporary revolutionary movements in France, Holland, and Spain. Miss Wilson.]
- [410b. Romanticism and Liberalism. Main currents of thought in the first half of the nineteenth century, with special attention to their influence on the political developments during this period. Th 7:30. Mrs Koffka.]
- 411a. Selected Topics from the History of German Nationalism. M 4. Mr Kohn.
- 411b. Selected Topics from the History of Russian and Slavic Nationalism. M 4. Mr Kohn.
- [414a. History of the American Revolution. An intensive study of the period between 1763 and 1789, with special emphasis on the economic, social, and political factors involved in the American struggle for independence, diplomacy of the Revolution, and writing of the Constitution.]
- 414b. History of American Westward Expansion. The westward movement of dominant American economic, social, and cultural tendencies during the nineteenth century. Mr Cross.
- 415a. The Early National Period. American history after 1789, studied through such topics as nationalism, sectionalism, rise of democracy, and development of the industrial revolution. T 7:30. Mr Faulkner.
- 415b. American Foreign Policy since 1899, with special reference to the Pacific area. Mr Faulkner.
- 420b. Inter-American Relations in the Nineteenth and Twentieth Centuries. Relations of Argentina, Brazil, Mexico, and Caribbean countries with the United States. F 4. Mrs Holmes.
- Graduate Seminars
- 50, 50a, 50b. Thesis for the Master's degree. *One hour or more.*
- 51, 51a, 51b. Special problems in advanced work in history, arranged individually with graduate students. *†One hour or more.*
- [52b. Introduction to the Sources of Medieval History. *†Three hours.* Mr Packard.]
- [53a] or 53b. Selected Topics in the History of England in the Sixteenth and Early Seventeenth Centuries. *†Three hours.* Miss Wilson.
- 55a. Modern European History. *†Three hours.* Mrs Koffka.
- 55b. Modern European History. The development of nationalism. *†Three hours.* Mr Kohn.

56b. Early American History. *†Three hours.* Mr Cross.

57a. Recent American History. *†Three hours.* Mr Faulkner.

58b. Latin-American History. Selected topics. *†Three hours.* Mrs Holmes.

Adviser of graduate study: Mr Scramuzza.

THE MAJOR

Advisers: Mr Faulkner, Mrs Holmes, Mr Scramuzza (chairman), Mr Cross, Miss Bornholdt, Miss Ruby.

Based on 11, 13, or an equivalent course.

Essential Courses: twenty-four semester hours in history.

Optional Courses: six semester hours selected from history, government (above Grade I), economics, or from literature or other courses appropriately related and approved by the adviser.

The attention of students who may be interested is called to the Interdepartmental Major in American Civilization.

Honors

Committee: Miss Gabel (chairman 1st sem.), Miss Wilson (2d sem.), Mr Cross, Miss Bornholdt.

Prerequisites: two courses in history or one course in history and one in a field appropriately related to the Honors program.

Program: the fixed requirements for all candidates will consist of (1) a minimum of twelve semester hours in units and seminars, including the Introductory Unit (three hours) taken in first semester of Junior year; (2) directed reading (three hours) in second semester of Senior year; (3) a long paper written in first semester of Senior year; (4) comprehensive examinations. Subject to these requirements a candidate may spend all or any part of her program on Honors work.

Examinations: (1) a general comprehensive examination assuming some preparation in each of the fields—Europe before 1648, Europe since 1648, American history; (2) an examination on historical literature and method; (3) a special examination in one of the following fields: ancient, medieval, early modern, Europe since 1789, American. Students will construct their programs with this distribution and emphasis in mind.

Units

Introductory Unit: History and Historians. A comparative study of the great historians in the major fields. Open also to properly qualified majors and to graduate students. *First semester,* Members of the Department. *Director,* Miss Ruby.

Ancient History: Greek or Roman. *First semester,* Mr Scramuzza.

Medieval History. *First semester,* Mr Packard.

The Renaissance. *Second semester,* Miss Gabel.

Tudor and Stuart England. *Second semester,* Miss Wilson.

Europe since Napoleon. *First semester,* Mrs Koffka.

English History, Nineteenth Century. *Second semester,* Miss Wilson.

[History of the British Empire in the Nineteenth and Twentieth Centuries. Mrs Holmes.]

Latin-American History. *First semester*, Mrs Holmes.

The Development of the United States to 1865. *First semester*, Mr Cross.

[The Development of the United States since 1865. *Second semester*, Mr Faulkner.]
American Intellectual History. *Second semester*, Miss Bornholdt.

HYGIENE AND BACTERIOLOGY

PROFESSORS:	MARION FRANCES BOOTH, A.B., B.S.C., M.D., College Physician, <i>Chairman</i>
	ABBY MABEL O'KEEFE, M.D.
ASSOCIATE PROFESSORS:	ELIZABETH FAITH GENUNG, M.S., <i>Subchairman</i>
	K. FRANCES SCOTT, PH.B., M.D.
	FRANCES CAMPBELL McINNES, A.M., M.D.
	ELINOR VAN DORN SMITH, PH.D.
ASSISTANT PROFESSORS:	MARGARET SYBIL MELCHER, A.B., M.D.
	MIRIAM ALBERTA ALBERTSON, A.B., M.D.
INSTRUCTOR:	ELIZABETH DOROTHY ROBINTON, A.M.
TEACHING FELLOWS:	BEATRICE PHYLLIS MACRI, B.S.
	LOIS FONDA NELLIS, A.B.
GRADUATE ASSISTANT:	MARION EVANS WILSON, B.S. IN MED. TECH.

HYGIENE

The requirement in hygiene may be met in any one of three ways: (a) an approved course or courses taken in secondary school (students will be notified if the courses they have taken satisfy the requirement); (b) an examination which is given at the opening of college in the fall; (c) a college course—11a or b or 12a—taken in Freshman year.

11a or b. Personal Hygiene. Hygiene of body mechanics, the respiratory tract, skin, nervous system and special senses, emotions, reproductive system; nutrition; ventilation; control of communicable diseases. One lecture and one recitation. Two class hours. *One hour*. Lec. Th 4. Recitation sections will be arranged. Dr Scott (*Director*), Miss Wilson.

NOTE.—Students who elect this course may carry it in addition to the minimum of fifteen hours. Assignment to the first or second semester will be made by the Registrar.

12a. Hygiene of the Individual. A discussion of each body system and function, and the differing health requirements at various age levels and under varying living conditions. *Three hours*. M T W 3. Dr Scott.

NOTE.—Students who elect this course should include it within the minimum.

12b. Community Hygiene. Elementary study of community health problems, including a discussion of preventable diseases and environmental health hazards, together with modern methods and official agencies for their control. Optional field trips. Prerequisite, 12a or the equivalent. *Three hours*. M T W 3. Dr Scott.

21b. Modern Public Health Movements. Survey of the developing concept of public health since the eighteenth century, with consideration of the functions of official and nonofficial agencies; detailed study of major modern problems of public health; discussion of recent proposals for the socialization of medi-

cal care. Two afternoon field trips will be required. *Three hours.* M T W 2. Dr Scott.

53b. Health Education. Special problems of personal and environmental hygiene applying to the physical activity, growth, and health of school children, and to school buildings and playgrounds. For students preparing for the Diploma for Teachers of Physical Education, or by permission of the instructor. *†Three hours.* Dr Scott.

54a. Advanced Health Education. Construction of teaching units in the fields of personal and community health. Practice teaching. Prerequisite, 53b. *†Three hours.* Dr Scott.

BACTERIOLOGY

22. Bacteriology and Other Phases of Microbiology. Methods of study of principal kinds of microorganisms including bacteria, yeasts, and molds, with emphasis on the relation of microorganisms to domestic, economic, and public health problems. For students other than Freshmen who have passed or are taking Chemistry 11 or the equivalent. Two lectures and two two-hour laboratory periods. *Three hours each semester.* Lec. T W 10; Lab. M W 2, Th F 2. Miss Genung, Miss Robinton. (III I)

[27a. Bacteria in Everyday Life. Outline of the essentials of bacteriology, with special emphasis on the relation of microorganisms to human life. Vital facts concerning bacteria illustrated by demonstration materials. *Three hours.* M T W 12. (III n)]

[27b. Bacteria in Relation to Disease. Behavior of pathogenic microorganisms, with emphasis on problems involved in their control. Lectures, papers, and field trips. Prerequisite, 22 or 27a, or by permission of the instructor. *Three hours.* M T W 12. (III n)]

34. Advanced Bacteriology and Serology. Systematic study of pathogenic bacteria and public health laboratory methods of disease diagnosis, including agglutination and Wassermann reactions. Prerequisite, 22. One lecture and five hours of laboratory. *Three hours each semester.* Lec. Th 2; Lab. T 2-5 W 2-4, Th 3-5 F 2-5. Miss Smith, Miss Robinton.

41, 41a, 41b. Special studies in bacteriology and serology. For Seniors, by permission of the instructors, who have had at least one semester of 34; for Juniors by permission. *†Two or three hours.*

42b. Pathogenic Fungi and Antibiotics. Systematic studies of the higher bacteria and fungi of medical importance. For Seniors who have passed 22 and have passed or are taking 34 or have passed Botany 34a. *Three hours.* Lec. T 9; Lab. T 10-12 W 9-12. Miss Robinton.

43a, 43b. Seminar in Backgrounds of Bacteriology. Survey of the discoveries and developments in bacteriology which have had a vital influence on the fields of medicine and surgery, public health and sanitation, and on certain industrial and domestic operations. For Seniors and Graduate Students. Prerequisite for 43a, 22 or 27a and b; for 43b, 43a or by permission of the instructor. *†Three hours.* Miss Genung.

44b (56b). Seminar in Bacteriology and Immunology. For Seniors and Graduate Students, by permission of the instructors, who have passed or are taking 34. †One hour. Miss Genung, Miss Smith.

50, 50a, 50b. Thesis for the Master's degree. *One hour or more.*

51a, 51b. Advanced Studies. †*One hour or more.*

55a, 55b. Problems in Bacteriology and Serology. †*Two hours or more.* Miss Genung, Miss Smith.

56b (54b). Problems in Pathogenic Fungi and Antibiotics. †*Two hours or more.* Miss Robinton.

Adviser of graduate study: Miss Genung.

Attention is called to the Interdepartmental Major in Bacteriology.

ITALIAN LANGUAGE AND LITERATURE

PROFESSOR: **MARGARET LE BRETON ROOKE, M.A.

ASSOCIATE PROFESSORS: ANACLETA CANDIDA VEZZETTI, DOTTORE IN FILOSOFIA E
PEDAGOGIA

*RUTH ELIZABETH YOUNG, A.M.

MICHELE F. CANTARELLA, A.M., *Chairman*

Students planning to major in Italian, who have entered with only two units of an inflected language, will be required to take Latin 11a, Greek 12a, or six hours of the classics in translation: Greek 18a, Latin 18b, 28.

11. Elementary Course. *Three hours each semester.* M T W 10, Th F S 9. Miss Rooke (1st sem.), Miss Vezzetti, Miss Young (2d sem.). (I)

11D. Elementary Course, covering the work of two years. *Six hours each semester.* M T W Th F S 12. Additional hours for conversation to be arranged in place of some preparation. Mr Cantarella. (I)

21. Intermediate Course. Reading from modern Italian literature, with grammar and composition. Prerequisite, two units in Italian or 11. *Three hours each semester.* M T W 11. Miss Vezzetti (1st sem.), Miss Young (2d sem.). (I)

23. Conversation. Prerequisite, 11 or the equivalent. To be taken in connection with another course in the Department. †*Two class hours.* *One hour each semester.* Miss Vezzetti. (I)

24. Italian Drama from the eighteenth century to the present. Prerequisite, 11 or the equivalent. †*Two hours each semester.* Mr Cantarella. (II)

25. Rapid Reading of Modern Italian. Prerequisite, 11D or 21, or by permission of the instructor. †*One hour each semester.* Miss Vezzetti. (II)

26a. Survey of Italian Literature from the thirteenth century to the fifteenth. Lectures in English. Recommended for students who plan to take Grade III courses in Italian literature. Also for students, by permission of the instructor, who have had no Italian. *Three hours.* W Th F 2. Miss Rooke. (II)

26b. Survey of Italian Literature from the sixteenth century to the twentieth. Lectures in English. Recommended for students who plan to take Grade III courses in Italian literature. Also for students, by permission of the instructor, who have had no Italian. *Three hours.* W Th F 2. Miss Young. (II)

Unless otherwise stated the prerequisite for courses of Grade III is 11D or 21.

[31. Dante: his life and times. *Vita Nuova, Divina Commedia.* For students who have passed 11 and have passed or are taking 26a or the equivalent. *Three hours each semester.* M T W 9. Miss Rooke.]

[32. Italian Literature from Petrarch and Boccaccio to Tasso. †*Two hours each semester.* Miss Rooke.]

[33. Italian Literature of the Renaissance. †*Two hours each semester.* Miss Young.]

[34. Modern Italian Poetry: its sources, and comparisons with contemporary English verse. †*Three hours each semester.* Miss Rooke.]

35. Modern Italian Prose: the novel, short story, and essay. †*Three hours each semester.* Miss Vezzetti.

[36. Translation from Italian into English. By permission of the instructor. †*Two hours each semester.* Miss Young.]

37. Advanced Composition (written and oral). *One hour each semester.* M 10. Miss Vezzetti.

41, 41a, 41b. Special Studies. By permission of the Department. †*Three hours.*

50, 50a, 50b. Thesis for the Master's degree. *One hour or more.*

51, 51a, 51b. Advanced Studies. †*One hour or more.*

52. Dante and His Contemporaries. Prerequisite, 31 or the equivalent. †*Three hours each semester.* Miss Rooke.

Advisers of graduate study: Miss Vezzetti, Miss Young.

THE MAJOR

Adviser: Mr Cantarella.

Based on 11D or 21.

Essential Courses: 26a and b, 31, 37.

Optional Courses: other courses in Italian except 23. If the student has taken 26a and b before Junior year, she may, with the consent of the adviser, substitute for one course in the major subject a closely related course in literature, history, or art.

Honors

Director: Miss Rooke.

Prerequisite: 11D or 21; 26a and b.

Program: twenty-four hours from courses of Grade III in Italian, including 31 and 34 or 35; three hours on an independent piece of work.

Examinations: one on the general field of literature; one on the field of specialization; one on linguistic preparation; in addition to these an oral examination to test both literary and linguistic knowledge may be given in certain years.

MATHEMATICS

PROFESSORS:	SUSAN MILLER RAMBO, PH.D., <i>Chairman</i>
	*NEAL HENRY MCCOY, PH.D.
VISITING PROFESSOR:	LLOYD L. DINES, PH.D., LL.D.
ASSISTANT PROFESSOR:	HERBERT BUSEMANN, PH.D.
VISITING LECTURER:	¹ ATHERTON HALL SPRAGUE, PH.D.
INSTRUCTOR:	ANNE FRANCES O'NEILL, PH.D.

Students planning to major in mathematics are advised to offer three units of mathematics for entrance and to take in the first two years Mathematics 12, 21, or 13, 22a. A course in astronomy or physics is also recommended. For additional preparation for Honors work, see the Honors program.

- 11a. Algebra, quadratics and beyond. Prerequisite, two units of mathematics. *Three hours.* M T W 12. Miss Rambo. (III n)
- 11b. Introduction to College Mathematics. Brief review of algebra; trigonometry with emphasis on calculation; elementary analytic geometry. Prerequisite, three units of mathematics or 11a. *Three hours.* M T W 12. (III n)
12. Mathematical Analysis. Trigonometry; analytic geometry; elements of calculus. Prerequisite, three units of mathematics not including trigonometry or 11a. *Three hours each semester.* M T W 11, 12; Th F S 9, 10, 11. Miss Rambo, Mr Busemann, Mr Sprague, Miss O'Neill. (III n)
Note.—Credit will be given for the first semester, if it is followed in the same year by Astronomy 24b.
13. Analytic Geometry, Differential Calculus. Prerequisite, at least three units of mathematics including trigonometry or 11b. *Three hours each semester.* M T W 10, Th F S 11. Miss Rambo, Mr Dines. (III n)
21. Differential and Integral Calculus. A continuation of 12. Prerequisite, 12. *Three hours each semester.* M T W 12, Th F S 10. Mr Busemann, Miss O'Neill. (III n)
- 22a. Integral Calculus. Equivalent to the second semester of 21. Prerequisite, 13. *Three hours.* Th F S 10. Mr Dines. (III n)
23. College Algebra. Prerequisite, 12 or 13. *Three hours each semester.* Th F S 9. Miss Rambo. (III n)
- 24b. Intermediate Calculus. Partial derivatives, multiple integrals with applications to physical problems, infinite series. Prerequisite, 21 or 22a. *Three hours.* Th F S 10. Mr Dines. (III n)
- 31a. Differential Equations. Solution and application of ordinary differential equations. Prerequisite, 21 or 22a. *Three hours.* M T W 10. Mr Dines.
- 32b. Foundations of Geometry. An introduction to the axiomatic study of Euclidean and non-Euclidean geometry and to certain concepts in topology. Prerequisite, three semester hours of mathematics above Grade I or by permission of the instructor. *Three hours.* M T W 9. Mr Busemann.
- 33a. Theory of Equations. For students who have passed or are taking 21 or 22a. *Three hours.* Th F S 11. Mr Sprague.
- 33b. Modern Algebra. Theory and applications of determinants and matrices, with an introduction to the theory of groups, rings, and fields. Prerequisite,

three semester hours of Grade III in mathematics or by permission of the instructor. *Three hours.* Th F S 11. Mr McCoy.

[35b. Theory of Numbers. Properties of integers including divisibility, theory of congruences, primitive roots, theorems of Fermat and Wilson. Prerequisite, three semester hours of Grade III in mathematics or by permission of the instructor. *Three hours.* Th F S 11. Mr McCoy.]

36a. Infinite Series. Prerequisite, 21 or 22a. *Three hours.* M T W 9. Mr Busemann.

[37. Elements of Modern Geometry. Prerequisite, 12. *†Three hours each semester.* Miss Rambo.]

38b. Solid Analytic Geometry. For students who have passed 21 or 22a or are taking 21. *Three hours.* M T W 10. Miss Rambo.

41, 41a, 41b. Special Studies. For Seniors by permission of the Department; for Juniors by permission. *†One hour or more.*

43. Advanced Calculus. A study of functions of two or more variables. Prerequisite, 21 or 22a. *Three hours each semester.* M T W 11. Miss O'Neill.

47a, 47b. Selected topics, of a fundamental nature, from the fields of algebra, analysis, and geometry. For Juniors. *†Six hours.*

48a, 48b. Honors paper, review, and co-ordination. For Seniors. *†Three hours.*

50, 50a, 50b. Thesis for the Master's degree. *One hour or more.*

52a, 52b. Special studies in topology and analysis, including functions of a real variable and functions of a complex variable. *†One hour or more.*

53a, 53b. Special studies in modern geometry. *†One hour or more.*

54a, 54b. Special studies in algebra, including theory of numbers, theory of groups, matrices and determinants, and modern algebraic theories. *†One hour or more.*

Adviser of graduate study: Mr Busemann.

THE MAJOR

Advisers: Miss Rambo, Miss O'Neill.

Based on 12 or 13.

Essential Courses: 21 or 22a and other courses in mathematics, making a total of not less than eighteen semester hours, of which at least twelve must be above Grade II.

Optional Courses: other courses in mathematics.

Astronomy, courses above Grade I except 26a or b, and 27b.

Physics, courses above Grade I except 22a, 22b, 27b, and 29a.

Economics 38; Chemistry 43, 46b; Philosophy 21a or b, 31b.

Honors

Director: Miss Rambo.

Prerequisites: 12 and 21 or 13 and 22a. A course in astronomy or physics is recommended, and a reading knowledge of German or French.

Program: in Junior year, 31a, 47a and b; Senior year, 43, 48a and b. In both years the rest of the work in the major field shall consist normally of courses in mathematics above Grade II, or courses in astronomy, physics, or philosophy approved by the Department.

Examinations: one will cover the common background of all majors, two will test the fields of specialization.

MUSIC

PROFESSORS:

ARTHUR WARE LOCKE, A.M.
WILSON TOWNSEND MOOG, B.A., MUS.B.
WERNER JOSTEN
LELAND HALL, M.A., *Chairman*
JOHN WOODS DUKE
SOLON ROBINSON
ALFRED EINSTEIN, DR. PHIL.
ROSS LEE FINNEY, B.A.
ANTONIO BOSA
**DORIS SILBERT, A.M.

ASSOCIATE PROFESSORS:

RAYMOND PUTMAN
WILLIAM BEAUMONT SCATCHARD, B.MUS., B.S.
**BIANCA DEL VECCHIO, DIPLOMA DI MAGISTERO
MARION DE RONDE, A.B.
GERTRUDE PARKER SMITH, A.M.
LOUISE ROOD, A.M.

ASSISTANT PROFESSORS:

ANNA HAMLIN
IDA DECK HAIGH
ÉLOÏSE DEGENRING, A.B.

INSTRUCTOR:

DIRECTOR OF CHORAL MUSIC:

ROBERT SUMTER BRAWLEY, A.B., MUS.B.

TEACHING FELLOWS:

ELEANOR RUTH LATHAM, A.B.
JEAN LOUISE BENNEYAN, B.A.
ANNE KATHERINE WALSH, B.S.
DORIS MARIAN WITTENBERG, B.S.

CURATOR:

RUTH MARGARET AGNEW, M.A.

The following courses are especially recommended to students planning to major or to do Honors work in music: History 11; Physics 24b; language courses in German, Italian, and French; Art 11, 22. In addition these students are urged to elect Music 23 in Sophomore year if possible.

Music 320, 321a, and 46, combined with practical music and certain courses in education, are necessary for teaching music in schools. For information concerning the requirements of private schools and the certification requirements of different states for teachers, students should consult Mrs Scatchard or Mr Wakeman as early as possible in the college course.

A. Courses in the Study of Composition

11. Introduction to Composition: melodic, rhythmic, and harmonic materials. Four class hours. *Two hours each semester.* M T W 9, 3; Th F S 9, 10; one period

of sight singing and keyboard harmony to be arranged. Mr Finney, Miss Silbert (*Director*), Miss Smith, Miss Rood, Mrs Latham, Miss Benneyan. (II)

21. Continued study of harmonic materials and an introduction to counterpoint. Prerequisite, 11 or its equivalent. Three class hours. *Two hours each semester.* M T W 10, Th F S 11. Mr Moog, Miss Smith. (II)

31a. Tonal Organization in Musical Form. Introduction to forms based on thematic organization. Prerequisite, 21 or its equivalent. *Three hours.* M T W 11. Mr Finney and Miss Smith.

31b. Larger Tonal and Thematic Forms. Prerequisite, 31a. *Three hours.* M T W 11. Mr Finney.

32a. Keyboard Harmony. Harmonization of melodies, score reading of chamber works, improvisation. Prerequisite, 21. *Three hours.* M T W 12. Miss Smith.

33. Form and Composition. Prerequisites, 21 or its equivalent and permission of the instructor. *Three hours each semester.* M T W 12. Mr Josten.

42. Composition for Small Instrumental Groups. Prerequisite, 33. *†Three hours each semester.* Mr Josten.

52. Composition for Orchestra. Prerequisite, 42. *†Three hours each semester.* Mr Josten.

53. Theories of Analysis Applicable to Modern Music. *†Three hours each semester.* Mr Finney.

B. Courses in the Study of Musical Literature

Unless otherwise stated the prerequisite for Grade III courses in this Division is 23.

13. Listeners' Course. Training in the observation of the elements of music and of musical form. Content of music as found in a few typical works. No previous training in music is required. This course may not be taken as the theory requirement by students receiving credit for practical music. *Three hours each semester.* M T 4 and a third hour to be arranged for sections. Mr Hall, Miss Rood. (II)

23. General History of Music. Prerequisite, 13, 11, or the equivalent. *Three hours each semester.* W Th F 3. First semester, Miss Silbert; second semester, Miss Rood. (II)

35a. The Symphony since Beethoven. *Three hours.* W Th F 3. Mr Hall.

35b. Verdi and Italian Opera. *Three hours.* W Th F 3. Mr Hall.

36a. Wagner. *Three hours.* M T W 10. Mr Locke.

36b. Modern Music. *Three hours.* M T W 10. Mr Locke.

37b. Secular Song before 1650. *Three hours.* M T W 12. Miss Smith.

[38a (38b). Haydn. Offered in alternate years. *Three hours.* M T W 9. Miss Silbert.]

[38b (38a). Mozart. Offered in alternate years. *Three hours.* M T W 9. Mr Josten.]

310a. Beethoven. *Three hours.* M T W 9. Mr Josten.

[311a. Chamber Music of Beethoven. Offered in alternate years. †*Three hours.* Miss De Ronde.]

311b. Chamber Music of Schubert, Schumann, and Brahms. Offered in alternate years. †*Three hours.* Miss De Ronde.

[313b. Studies in Pianoforte Music. Prerequisites, 23 and 222. Offered in alternate years. *Three hours.* M T W 10. Mr Hall.]

315a (315b). History of Orchestration from Haydn to Modern Times. Survey of orchestral instruments and their use in works of outstanding composers. †*Three hours.* Miss Rood.

318b (318a). Music in America. The rise of a popular and of a serious musical culture in America. For students who have passed 11 or 13 or are taking the Interdepartmental Major in American Civilization. *Three hours.* M T W 12. Mr Finney.

44a. Studies in the Criticism of Music: various aspects as represented in important literary works. †*Three hours.* Mr Einstein and Miss Silbert.

54b. Studies in Eighteenth-Century Opera Buffa. †*Three hours.* Mr Hall.

55. Bach. †*Three hours each semester.* Mr Locke.

56. Changing Aspects of Polyphony from Organum to Modern Music. Required without credit of all candidates for the Master's degree in music. Mr Einstein.

C. Courses in Music Pedagogy

320. Elementary School Music. Principles, methods, and materials of music education from nursery school and kindergarten through sixth grade. For students who have passed 11 and have passed or are taking 23. Students must pass a preliminary test in ear-training, sight singing, singing of folk songs, sight reading at the piano, and playing a selection of moderate difficulty. *Two hours each semester.* M T 2. Mrs Scatchard.

321a, 321b. Choral Conducting. Fundamentals of conducting; study of various styles of choral music suitable for school and amateur groups; technique of interpreting and conducting such music. Prerequisite for 321b, 321a. *Two class hours. One hour.* T 4-6. Mrs Scatchard.

Note.—The chorus of this class is open, without credit, to anyone interested in singing, the only requirement being the ability to sing in tune and to read simple music.

46. Advanced School Music. Music in junior and senior high schools. Prerequisite, 320. *Three hours each semester.* M T 3 and one hour of observation and participation to be arranged. Mrs Scatchard.

1, 41a, 41b. Special studies in the theory and literature of music. By permission of the Department. †*One hour or more.*

50, 50a, 50b. Thesis for the Master's degree. *One hour or more.*

51, 51a, 51b. Advanced studies arranged in consultation with the Department.

†One hour or more.

Adviser of graduate study: Miss Rood.

D. Practical Courses

Undergraduate and graduate courses are offered in the following branches of practical music: piano, violin, viola, violoncello, organ, voice, and chamber music. These courses may be elected by properly qualified students, and are given credit toward the degrees of Bachelor of Arts and Master of Arts. There are fees for all courses in practical music and for the use of practice rooms, which are listed on page 44.

Courses in practical music except chamber music require one lesson of one hour, or two lessons of half an hour each, and six hours of practice per week, and count for *two hours each semester*. In voice one or two of the practice hours will be devoted to class instruction in diction and phonetics in the various languages. Honors students and other specially qualified students in courses above Grade II may be permitted to register for *three hours*. If additional instruction is received there will be an added charge. Courses in chamber music require one lesson of one hour and three hours of practice per week and count for *one hour each semester*.

Students taking practical music (Division D) to be counted for credit toward graduation must take at least an equal number of hours from Divisions A, B, or C (except 13), and the hours in practical music may not be counted unless this equivalent number of hours has been passed.

Any course in practical music and its accompanying course in Divisions A, B, or C may be counted together as one in the required number of three-hour courses, but each course will receive its full credit.

No student in practical music will be admitted to a course above Grade II who has received a mark lower than C in the previous course in the same branch.

Before registering for any course in practical music the student must show evidence of her ability in a test given by members of the Department at the College during the days just previous to the opening of the first semester and in May. These tests are based on the following requirements:

PIANO. The candidate will be expected to play three pieces representing different styles in piano literature, preferably selected from the following groups, but substitutes may be presented with the approval of the Department. (1) Bach: Little Preludes and Fugues, French Suites, Clavecin Book of Anna Magdalena Bach, Inventions. (2) Clementi: Sonatas or Sonatinas (one movement); one movement from sonatas of Haydn or Mozart, or of Beethoven, op. 2, 10, 14, or 49. (3) Mendelssohn: "Songs without Words"; Schumann: "Kinderszenen"; Chopin: Waltzes, Preludes, Nocturnes, Mazurkas; Schubert: Impromptus, Moments Musicaux; Grieg: "Lyric Pieces"; Field: Nocturnes; MacDowell: "Woodland Sketches," "Sea Pieces."

ORGAN. The examination for admission to organ courses is identical with that for entrance credit in piano, as stated in the requirements for admission to college.

VOICE. The candidate will be expected (1) to sing three songs, (2) to pass a simple test in sight reading. She will be judged on her pitch, rhythm, musical intelligence, and feeling.

VIOLIN. The candidate should be prepared to play (1) major and minor scales; (2) any two studies from Dont, op. 37 or 38; (3) one movement from a sonata or

sonatina of the grade of the sonatinas of Schubert; (4) a solo selected by the candidate.

VIOLA. The candidate must have passed 252 or its equivalent.

VIOLONCELLO. The candidate should be prepared to play (1) major and minor scales of three octaves; (2) any two studies from Dotzauer, op. 120, or from Merk, op. 11; (3) a movement from a sonata by one of the seventeenth- or eighteenth-century composers such as Antoniotti or Buononcini; (4) a solo selected by the candidate.

Piano

Mr Locke, Mr Duke, Mr Robinson, Mr Putman, Miss del Vecchio, Mrs Haigh.

121. Major and minor scales; Hanon; studies of the grade of Czerny, op. 299; Bach, Two-Part Inventions, Little Preludes and Fugues; sonatas of the grade of the Mozart in G; shorter compositions. (II)

222. Technical studies; Bach, Three-Part Inventions or French Suites; sonatas of the grade of Beethoven, op. 14, no. 1; shorter romantic compositions. (II)

323. Technical studies; Bach, English Suites, Partitas, or Preludes and Fugues from the Well-Tempered Clavichord; sonatas of the grade of Beethoven, op. 26; pieces from romantic and modern schools.

424. Preparation of a program of not less than one-half hour, including one long work.

525. Advanced work for students who have passed 424.

Organ

Mr Moog.

232. Manual and pedal technique; Bach, eight short preludes and fugues, selected Chorale-Preludes from Vol. V, Peter's ed.; short pieces involving fundamental principles of registration. Prerequisite, 121 or its equivalent. (II)

333. Bach, Prelude and Fugue in C minor, Toccata and Fugue in D minor; Mendelssohn, second sonata; shorter pieces for use in church service. Accompanying of hymns, anthems, and chants.

434. Bach, Preludes and Fugues in E-flat and D major; old masters of the organ; selected compositions of Widor, Franck, Reger. Complete church service playing.

535. Bach, Prelude and Fugue in A minor, Fantasie and Fugue in G minor, E-flat Trio Sonata; works of modern composers; transcriptions. Preparation of a recital program of not less than a half hour.

Voice

Miss Hamlin, Miss Degenring.

141. Exercises in breathing and tone placement. Vocal studies of Vaccai, Lütgen, or Concone. Italian songs of Pergolese, Caccini, etc. Freshmen are strongly urged to take Italian in conjunction with this course. (II)

242. Studies of Marchesi or Concone. Songs and arias of Mozart, Handel, Haydn, Bellini, Rossini, and old English airs. (II)

To enter 343 students must have had or be taking Italian 11 and German 11 or their equivalents.

343. Studies of Marchesi and Panofka. Continued study of classic repertoire and beginning study of German lieder and songs of Fauré or Debussy.

444. Studies of Marchesi. Standard German and French repertoire, opera arias of Verdi, contemporary songs.

545. Advanced work for students who have passed 444.

Violin

Mr Brosa.

Each course includes graded study of scales and arpeggios, double stops, chords, selected études for special problems of right- and left-hand technique, and short compositions for tone production and development of nuance, phrasing, and style.

151. Studies by Kayser and Kreutzer; sonatas of the seventeenth and eighteenth centuries; concertos by Vivaldi, Nardini, and others. (II)

252. Studies by Kreutzer; sonatas of the seventeenth and eighteenth centuries, including Handel; concertos by Bach, Viotti, and others. (II)

353. Studies by Kreutzer and Rode; sonatas of the eighteenth and nineteenth centuries; concertos by Spohr, Mozart, and others.

454. Studies by Rode; sonatas of the eighteenth and nineteenth centuries; concertos by Mozart, Bruch, Mendelssohn, and others.

555. Advanced study for students who have passed 454.

Viola

Miss Rood.

363. Technical studies by Svecenski, Lifshey, and Kreutzer; sonatas and concertos of the eighteenth and nineteenth centuries. Prerequisite, 252 or its equivalent.

464. Further study of chamber music literature. Études of Campagnoli; modern sonatas and solo works.

NOTE.—These courses may be taken only in conjunction with courses in string quartet, or by permission of the instructor.

Violoncello

Miss De Ronde.

171, 272, 373, 474, 575. Technical studies from Dotzauer to Franchomme, and study of representative literature for the violoncello. 171 and 272 in Group II.

Chamber Music

These courses are open to students of violin, viola, violoncello, and piano by permission of the instructor only.

String Quartets

Miss De Ronde.

181, 282, 383, 484, 585. Quartets by Haydn, Mozart, Schubert, and Beethoven. 181 and 282 in Group II.

Ensemble with the Piano

Miss De Ronde.

292, 393, 494, 595. Representative literature for piano and strings. 292 in Group II.

NOTE.—These courses are of three kinds: sonatas for piano and violin or violoncello (two students); other combinations of piano and strings; individual work for pianist with instructor for which a fee is charged.

THE MAJOR

Adviser: Miss Smith.

Based on 11.

Essential Courses: 21, 23, 31a, and twelve semester hours of music above Grade II.

Optional Courses: closely related courses with the approval of the adviser.

Honors

Director: Miss Rood.

Prerequisites: 11, 21, 23.

Program: in fulfilling the requirements of the major students will include a comprehensive unit continuing through both years and totaling twelve hours; they will present a paper or composition counting for three to six semester hours; and will take a minimum of nine semester hours in other departments. Apart from these requirements the program will be planned with the director to meet individual needs.

Examinations: one general comprehensive; one involving critical analysis on a limited field of concentration in literature or composition; one oral.

The Department will offer work in the literature of music to Honors students in other departments who have had a Grade II course in music.

PHILOSOPHY

PROFESSORS:

**EDNA ASTON SHEARER, PH.D.

MARY EVELYN CLARKE, PH.D., *Chairman*

OTTO FREDERICK KRAUSHAAR, PH.D.

ASSOCIATE PROFESSORS:

ALICE AMBROSE LAZEROWITZ, PH.D.

MORRIS LAZEROWITZ, PH.D.

ASSISTANT PROFESSOR:

DOROTHY WALSH, PH.D.

INSTRUCTORS:

DAVID HAVENS NEWHALL, M.A.

ELIZABETH GLENN RAMSDEN, M.A.

11. Introduction to Philosophy. Reading and discussion of some of the most important classic and modern philosophical works, to introduce the student to such topics as the relation of mind and body, sources of knowledge, freedom and determinism, nature and status of ideals. *Three hours each semester.* M T W 9,

10, 12; Th F S 9, 10. Miss Shearer, Miss Clarke, Mrs Lazerowitz, Miss Walsh, Mr Newhall. (IV)

21a. Logic. Introductory course, including study of common fallacies in reasoning, theory of the syllogism, and some modern developments. The course is intended to train the ordinary student in effective use of principles of correct thinking. *Three hours.* Th F S 11. Mrs Lazerowitz. (IV)

21b. Repetition of 21a. Th F S 10. Mr Lazerowitz.

22. Ethics. The outstanding moral theories of classical and modern times, with applications to practical problems. Reading will include literature of the Epicureans and Stoics, Aristotle, Kant, Bentham, Mill, Nietzsche, Bergson, G. E. Moore. *Three hours each semester.* Th F S 9. Mr Kraushaar. (IV)

24. History of Philosophy from Thales to Kant. Introduction to philosophy, with emphasis on its historical development. The course should be of use to students majoring in other fields who wish to obtain an acquaintance with the history of ideas. *Three hours each semester.* M T W 10, 11, 12, 2; Th F S 9, 11, 12. Miss Clarke, Mr Lazerowitz, Miss Walsh, Mr Newhall, Miss Ramsden. (IV)

31b (31a). Advanced Logic. Postulate sets. The system of *Principia Mathematica*: general propositions; definite descriptions; classes and the theory of types. Prerequisite, 21a or b. *Three hours.* Mrs Lazerowitz.

32a. Philosophy and Science. Development of a new technique for the solution of philosophical problems. Its application to a selection of metaphysical theories which closely resemble scientific theories: theories of time, space, substance, causality and freedom, universals, a priori propositions. Prerequisite, six semester hours in philosophy or by permission of the instructor. *Two class hours.* Mr Lazerowitz.

32b. Epistemology. General explanation of a new technique for the solution of philosophical problems. Its application to epistemological and closely related problems: our knowledge of the external world, other minds, the mind-body problem, rationalism and empiricism. Prerequisite, six semester hours in philosophy or by permission of the instructor. *Two class hours.* Mr Lazerowitz.

33. Aesthetics. Persistent general convictions and the views of representative philosophers as to the nature and value of beauty and its expression in literature, music, and the plastic arts. *Three hours each semester.* M T W 9. Miss Walsh.

[34a. Plato. Prerequisite, six semester hours in philosophy. To alternate with 35a. *Two class hours.* *Three hours.*]

[34b. Aristotle. Prerequisite, six semester hours in philosophy. To alternate with 35b. *Two class hours.* *Three hours.*]

[35a. Kant: a study of the *Critique of Pure Reason* with consideration of its present significance. Prerequisite, 24. To alternate with 34a. *Two class hours.* *Three hours.*]

[35b. Hegel: a study of the *Phenomenology of Spirit* with consideration of its historical and present significance. Prerequisite, 24 or by permission of the instructor. To alternate with 34b. *Two class hours.* *Three hours.*]

38a. Oriental Philosophy. Philosophical bases of Hinduism, Buddhism, and the metaphysical systems into which they developed. Prerequisite, six semester hours in philosophy. *Three hours.* Miss Clarke.

310a. American Philosophy. Philosophical ideas of Edwards, Emerson, Royce, James, Dewey, and others, with attention to the connection of these ideas with current religious, political, and moral views. *Three hours.* Th F S 10. Mr Kraushaar.

311. Recent and Contemporary Philosophy. Modern idealism; philosophies of change; Whitehead, Bertrand Russell, G. E. Moore; pragmatism; Santayana. Prerequisites, 24 and six semester hours in philosophy or in allied departments as approved by the director. *Three hours each semester.* W Th F 2. Members of the Department. Director, Mrs Lazerowitz.

[312a. Contemporary Ethics. Miss Clarke.]

323. History of Political Thought from Plato to the present, with attention to Greek political philosophy, the Stoics, medieval theory, rise of the nation-state, and approaches to an international world order. Designed to provide a foundation for the understanding of current political problems. *Three hours each semester.* Th F S 11. Mr Kraushaar and Miss Carter.

41, 41a, 41b. Special Studies. *One hour or more.*

[42b. Advanced Political Philosophy. A critical study of some of the outstanding works and central problems of classical and modern political theory. Prerequisite, 323. *Three hours.* Mr Kraushaar.]

[43b. Contemporary Philosophy of Art. Reading in selected contemporary aesthetic theories. Only for students who have passed or are taking 33. *Two class hours.* *Three hours.* Miss Walsh.]

50, 50a, 50b. Thesis for the Master's degree. *One hour or more.*

51, 51a, 51b. Advanced studies arranged individually. *Three hours.*

52a. Spinoza and Leibniz. *Three hours.* Miss Clarke.

52b. British Philosophy in the Eighteenth Century. *Three hours.* Miss Clarke.

[53. A Systematic Study of Aesthetic Theory. *Three hours each semester.* Miss Shearer.]

54a (54b). Selected Topics in Contemporary Aesthetic Theory. *Three hours.* Miss Shearer.

55b. Topics in Logical Theory, with special reference to foundations of mathematics. *Three hours.* Mrs Lazerowitz.

Adviser of graduate study: Miss Shearer.

THE MAJOR

Advisers: members of the Department.

Based on six semester hours in philosophy.

Essential Courses: twenty-four semester hours in philosophy, including 24 whenever taken, unless used as the basis of the major.

Optional Courses: related courses in other departments as approved by the adviser.

Honors

Directors: Miss Clarke, Mrs Lazerowitz.

Prerequisites: any year course in philosophy of Grade I or Grade II; in addition 21a or b and Psychology 11 or 12 are advised. For other prerequisites for specific programs the directors should be consulted.

Program: three hours on the preparation of a paper and three on review; the remaining hours divided between work in philosophy and in some related department, with the major portion of the work in the Department of Philosophy.

Examinations: one on philosophical systems and history of philosophy; one on value theories and methodology; one on work done in related departments.

Units

Topics in the History of Modern Philosophy. *Three hours. Second semester, Miss Clarke.*

Logic. *Three hours. First or second semester, Mrs Lazerowitz.*

Ethics. *Six hours. Second semester, Miss Clarke.*

Political Philosophy. *Six hours. Second semester, Mr Kraushaar.*

Individual Philosophers such as Plato, Hobbes, Spinoza, Rousseau, Schopenhauer, Bergson, James, Whitehead. *Three hours. First or second semester, Members of the Department.*

PHYSICAL EDUCATION

PROFESSOR: DOROTHY SEARS AINSWORTH, PH.D., Director

ASSOCIATE PROFESSORS: GERTRUDE GOSS

HARRIETTE OVERTON AULL, A.M.

FLORENCE MARIE RYDER, M.S.

ASSISTANT PROFESSORS: EVELYN F. JENNINGS, B.S.

†MAJA LORE SCHADE

HELEN LOUISE RUSSELL, PH.D.

*ANNE LEE DELANO, B.S. IN ED.

LECTURER: RUTH EVANS, A.M.

INSTRUCTORS: LILLIAN M. MANCINI, A.M.

FRANCES MEAKER COLVILLE, M.S. IN H.P.E.

ETTIE LEN TOY CHIN, A.M.

RUTH ARLENE SWEEZEEY, B.S.

BARBARA J. WALLACE, B.S.ED.

RITA MAY BENSON, M.S. IN H.P.E.

SHIRLEY FERRELL BLANCHARD, B.S.

HELEN VIRGINIA CROOK, B.S. IN PHY.ED.

ELIZABETH V. GOODE, A.M.

Physical Education 1a and b and 2a and b are required of all students in the first two years, the type of work being adjusted to the needs and conditions of individual students. Continuous failure in these courses due to lack of interest or to unexcused absences may result in the student's being requested by the President to withdraw from college.

All students who are in physical education classes or use the gymnasium are required to buy uniform suits and shoes.

The Athletic Association, open to all members of the College, is under the direction of this Department.

A. Physical Education

Requirements

1a, 1b. Body Mechanics, Dance, and Sports. Three periods of one hour each. Required for Freshmen.

Fall Term. One period, body mechanics; two periods, swimming for those who have not passed the test, for others a choice of the following:

Archery, canoeing, crew, golf, hockey, riding¹, soccer, swimming, tennis.

Individual Gymnastics. Miss Ryder, Miss Jennings, Miss Blanchard.

The Dance, modern and folk. Miss Goode.

Winter Term. One period, fundamental movement; two periods, a choice of Badminton, basket ball, bowling, fencing, riding, squash, swimming, winter sports.

Individual Gymnastics. Miss Ryder, Miss Jennings, Miss Blanchard.

The Dance, continuing the fall course and new sections. Miss Goode.

Spring Term. One period, rhythmic work or body mechanics; two periods, beginning swimming for those who have not passed the test, for others a choice of

Archery, baseball, canoeing, crew, golf, lacrosse, riding, swimming, tennis.

Individual Gymnastics. Miss Ryder, Miss Jennings, Miss Blanchard.

The Dance, continuing the fall and winter courses and new sections. Miss Goode.

2a, 2b. Dance and Sports. Three periods of one hour each. Required for Sophomores.

Each term a choice of sports and dance as listed under the corresponding term for 1a and b.

A health consultation is required for Juniors and Seniors, and any student who is falling below a standard which for her is reasonable must take work under the direction of the Department as follows:

3a, 3b. Required for these Juniors.

4a, 4b. Required for these Seniors.

Elective Classes and Sports

Juniors and Seniors may elect work in any class listed above or in the upper-class sports sections.

In addition there are week-end trips to the cabins under the auspices of the Outing Club, riding trips under the Riding Club, and open-hour swimming at the pool.

Courts and other equipment are available to all students when not being used by classes.

B. Course in the Training of Teachers of Physical Education

This course is open to students of Smith College and to graduates of other colleges of approved standing. Students entering it will be given the opportunity to specialize in one of four fields: corrective physical education, the dance, recreation

¹ A fee is charged for the rental of horses.

(physical education in relation to community service and clubs), sports (in relation to schools and colleges).

The course has as its basic plan classes in science and education as well as physical education. Smith College students may take the majority of the scientific and educational courses as undergraduates and in so doing will be able to fulfill the requirements for the diploma in one year after graduation.

Properly qualified students may become candidates for the degree of Master of Science in Physical Education (M.S. in Phy. Ed.). Six semester hours of zoology, six hours of education, and six hours in bacteriology, chemistry, experimental psychology, mathematics, nutrition, physics, or zoology should be offered as prerequisites. Students who have satisfactorily completed the courses equivalent to those leading to the diploma may become candidates for the degree in the first year. Other students would normally become candidates in the second year.

It is possible also for properly qualified students to become candidates for the degree of Master of Arts (A.M.) or Master of Education (Ed.M.).

Students who wish to enter the course should present a written statement from a physician that they are in good physical condition and able to undertake a course in physical education. For further information write to Miss Ainsworth, Scott Gymnasium, for the special booklet describing the courses.

33a, 33b. Corrective Physical Education. The basic teaching material of preventive and corrective phases of physical education as applied to individual developmental needs. *Three hours.* M T W 12. Miss Ryder.

42a, 42b. Elementary material for the teaching of physical education, including the dance, recreation, and sports. Required in the first year of students entering from other colleges who have not fulfilled the requirement elsewhere. Open to undergraduates only by permission of the Director of Physical Education. Prerequisite for 42b, 42a. Two lectures, six hours of practice. [†]*Three hours.* Members of the Department.

43a, 43b. The Physiology and Anatomy of Movement. An analytical study of human motor activity. Prerequisites, Zoology 12 and permission of the Director of Physical Education. 43a, lecture two hours, laboratory four hours; 43b, lecture three hours and assigned problems. *Three hours.* Lec. Th F 11. Lab. M T 9-11. Miss Ryder.

50, 50a, 50b. Thesis for the Master's degree. *Three hours.* Director, Miss Russell.

51a, 51b. Special studies in Therapeutics or in Recreation and the Community. [†]*Three hours.* Members of the Department.

52. Continuation of 42, covering advanced material for the teaching of physical education, with opportunity for the student to specialize in corrective gymnastics, the dance, recreation, or sports. Theory, two hours; practice, six hours. [†]*Three hours each semester.* Members of the Department.

53a, 53b. Gymnastics and Fundamental Movement. Theory, one hour; practice, two hours. [†]*One hour.* Miss Ainsworth, Miss Mancini.

55a. History and Principles of Physical Education. [†]*Three hours.* Miss Ainsworth.

55b. Organization and Administration of Physical Education. [†]*Three hours.* Miss Ainsworth.

- 56a, 56b. Directed Practice in the Teaching of Physical Education. One lecture; two practice periods. *Three hours each semester.* Miss Mancini.
- 57a, 57b. Measurement in Physical Education: history and methods of testing. Use of statistics and study of special problems. *Three hours.* Miss Russell.
- Hygiene 53b. Health Education. Required of all students for the diploma.
- Hygiene 54a. Advanced Health Education.

PHYSICS

PROFESSORS:	GLADYS AMELIA ANSLOW, PH.D.
	NORA MAY MOHLER, PH.D., <i>Chairman</i>
ASSOCIATE PROFESSORS:	HANNAH LOUISA BILLINGS, A.M.
	JOHN JOSEPH GERALD McCUE, PH.D.
ASSISTANT PROFESSORS:	LILLY LORENTZ, PH.D.
	WILLIAM TAUSSIG SCOTT, PH.D.
LECTURER:	DOROTHY WRINCH, D.S.C.
TEACHING FELLOWS:	ELAINE FRIEDE, A.B.
	ELIZABETH THOMPSON BUNCE, A.B.
	ISABEL PRINGLE McCRAVEN, A.B.

Students planning to major in physics are expected to offer three units of mathematics for entrance and are urged to take Mathematics 12 or 13 and 21 in Freshman and Sophomore years respectively. See also the prerequisites for Honors work.

11. Introductory Physics. Laws and properties of matter, sound, light, heat, electricity and magnetism. Not open to students who offered physics for entrance. Lecture and discussion, three hours; laboratory, two hours. *Three hours each semester.* Lec. and discussion M T W 11 and 12; Lab. M, T, Th, F 2, Th 10. Miss Billings, Miss Lorentz, Miss Bunce. (III I)

14. General Physics. Study of the methods and some of the principles of physical science, as exemplified by selections from the fields of mechanics, heat, electricity, and atomic theory. Prerequisite, a preparatory course in physics. Lecture and discussion, two hours; laboratory, two hours. *Three hours each semester.* M 10-12 T W 10. Mr McCue. (III I)

21. Laboratory Physics. Experiments in mechanics, sound, heat, light, electricity and magnetism. Prerequisite, 11 or, by permission of the instructor, 22a or an entrance unit. One lecture and two two-and-one-half-hour laboratory periods. *Three hours each semester.* Lec. F 12. Lab. A, M T 2; Lab. B, Th F 2. Miss Mohler, Miss Friede. (III I)

NOTE.—Students who are permitted to enter this course from 22a will be required to register for four hours.

22a (13a). Introductory Classical Physics. Fundamental principles of mechanics, sound, heat, light, and electricity. Lectures and discussions. Not open to students who have taken 11 or who offered an entrance unit. *Three hours.* Th F S 9. Miss Billings. (III n)

22b. Introductory Contemporary Physics. The nature of matter and energy. Recent applications of atomic energy and of radiation. Lectures and discussion.

Prerequisite, a college course in physics. *Three hours.* Th F S 9. Miss Anslow. (III n)

23a. Light. Nature of light, reflection, refraction, interference, diffraction, theory of relativity. Lectures and discussion. Prerequisite, a college course in physics or astronomy. *Three hours.* M T W 9. Miss Lorentz. (III n)

24b. Sound. Theory of sound, basis of music, and architectural acoustics. Lectures and discussion. Prerequisite, at least one semester of physics in college. *Three hours.* M T W 9. Miss Lorentz. (III n)

27b. Photography. Study of photographic processes, including their chemical and optical theory. Prerequisite, a laboratory course in physics or chemistry. Lecture, two hours; laboratory, three hours. *Three hours.* Lec. F S 10; Lab. Th 9 or 10. Miss Mohler, Miss Friede. (III l)

28a (28b). Introductory Aeronautics. Aerodynamics and theory of flight. Prerequisite, a year course or, by permission of the instructor, one semester of physics or an entrance unit. Lectures and discussions. *Three hours.* Th F S 11. Mr Scott. (III n)

29a. Form and Structure in Nature. Basic ideas of physical crystallography as developed in the nineteenth and twentieth centuries, with applications to living and nonliving systems. *Three hours.* F 3-5. Miss Wrinch.

31a, 31b. Advanced Laboratory Physics. Experiments in selected fields, with emphasis on the reproduction of classical researches of recent years. Prerequisite, 21, 25a, or, by permission of the instructor, 14. Two periods of three hours each. *Three hours.* Th F 2. Miss Lorentz, Miss McCraven.

32a. Mechanics. Statics and dynamics of particles and rigid bodies. Lectures and problems. Prerequisite, Mathematics 21 or 22a. *Three hours.* M T W 9. Mr McCue.

32b. Introduction to Mathematical Physics. The application of mathematical methods to the study of vibration, wave motion, and conduction of heat. Lectures and problems. Prerequisite, Mathematics 21 or 22a; Mathematics 21 may be taken with 32b. *Three hours.* M T W 9. Mr McCue.

33. Modern Physics. Quantum theory of the electron, the nucleus, radiation and cosmic rays, and the theory of relativity. Prerequisites, 11, 14, 21, or 22b, and Mathematics 21 or 22a which may be taken with 33. *Three hours each semester.* Th F S 9. Miss Mohler.

34 (42a and b). Advanced Electricity and Magnetism. Static and dynamic electricity, direct and alternating currents, magnetism and electromagnetic fields, and electronic circuits. Lectures and problems. Prerequisites, 21 and Mathematics 21 or 22a. [†]*Three hours each semester.* Mr Scott.

36a, 36b. Spectroscopy. Spectroscopic methods and instruments. Analysis and theory of atomic spectra; molecular spectra and structure problems. By permission of the instructor. Lectures, two hours; laboratory, three hours. *Three hours.* Lec. T W 12; Lab. T 2. Miss Anslow.

41a, 41b. Special Studies. For Seniors by permission of the Department; for Juniors by permission. [†]*Two hours or more.*

43. Introductory Biophysics. Applications of the principles and techniques of physics to biology and medicine, including the effects of radiation, problems of vision, hearing, nerve conduction, cell membranes, and structure, and practice in the techniques employed. For students majoring in physics, biology, biochemistry, or related fields who have had a minimum of at least one laboratory course in physics and in zoology. Lectures and discussion, two hours; laboratory, three hours. *†Three hours each semester.* Miss Anslow with the co-operation of Miss Mohler and other members of the Department and of allied departments.

[**44a** (**44b**). Seminar in the History of Physics, with special emphasis on the interrelations of physics and other intellectual developments of the periods considered. *†Three hours.* Miss Mohler.]

Graduate Courses

50, 50a, 50b. Thesis for the Master's degree. *One hour or more.*

51a, 51b. Special topics in such fields as sound, light, electricity and magnetism, thermodynamics, and kinetic theory. *†Two hours or more.*

52a, 52b. Selected problems assigned for investigation, experimental work, and discussion. *†Three hours or more.*

53a, 53b. Classical Theoretical Physics. *†Three hours.* Mr McCue.

54a, 54b. Introduction to Quantum Mechanics. *†Three hours.* Mr Scott.

55a, 55b. Seminar in Nuclear Physics. *†Two hours or more.* Mr Scott.

59a or 59b. Structure of Large Molecules. Physics, chemistry, and geometry of biologically active molecules. *†One hour or more.* Miss Wrinch.

Adviser of graduate study: Miss Anslow.

THE MAJOR

Advisers: Miss Mohler, Miss Billings.

Based on 11, 14, 21, or, by permission of the Department, on 22a and 22b.

Essential Courses: 21 if not already taken, and at least one semester of 31a, 31b; Mathematics 21 or 22a. At least twelve semester hours in physics must be above Grade II.

Optional Courses: other courses in physics and mathematics above Grade I and courses in astronomy, chemistry, and geology with the approval of the adviser.

In addition to the essential courses, each student is expected to receive instruction in shop techniques in a two-hour period for one semester.

Honors

Director: Mr Scott.

Prerequisites: one year of college physics, Mathematics 12 or 13, and Physics 21 or Mathematics 21 or 22a. One or two other courses in mathematics, physics, or chemistry, and reading knowledge of French and German are advised.

Program:

Essential Courses: 33 and the Honors paper. Mathematics 21 or 22a if not already taken.

Optional Courses: other physics courses above Grade II; advanced courses in other sciences chosen in consultation with the director; a review unit.

Examinations: written examinations covering theoretical and experimental phases of the subject in classical physics, modern physics, and in the field of specialization.

PSYCHOLOGY

PROFESSORS:	†WILLIAM SENTMAN TAYLOR, PH.D.
	HAROLD EDWARD ISRAEL, PH.D., <i>Chairman</i>
ASSOCIATE PROFESSORS:	JAMES JEROME GIBSON, PH.D.
	ELSA MARGAREETA SIIPOLA, PH.D.
	**ANNELIES ARGELANDER ROSE, PH.D.
ASSISTANT PROFESSOR:	ELEANOR JACK GIBSON, PH.D.
LECTURER:	FRITZ KARL HEIDER, PH.D.
VISITING LECTURER:	MIRIAM EUGENIA CROWLEY, PH.D.
INSTRUCTORS:	ESTHER LEE MIRMOW, A.M.
	JANE WHEELER STEEDMAN, A.M.
ASSISTANT:	MIRIAM WALDRON BRAINARD, A.B.
TEACHING FELLOW:	FLORENCE BAUMBACH KUHNS, A.B.

11. General Psychology. Systematic treatment of the characteristics of human nature. Application of fundamental principles to problems in motivation, learning, perception, thinking, and personality. Laboratory work is designed to provide experimental verification and illustration of facts and theories. Not open to students who have taken or are taking an introductory course in psychology. Two lectures, one recitation, and one two-hour laboratory period. *Three hours each semester.* Lec. M T 12, 2. Rec. W 9, 12, 2; Th 10, 12, 2, 3; F 10, 11. Lab. T 9; W, Th, F 9, 11, 2. Mr Israel, Miss Siipola, Mrs Gibson, Miss Crowley, Miss Mirmow, Miss Steedman, Mrs Brainard, Mrs Kuhns. (III I)
12. General Psychology. Outline of the field and methods of psychology; basic facts and theories, including such topics as motivation, learning, perception, thinking, and personality. Not open to students who have taken or are taking an introductory course in psychology. *Three hours each semester.* M T W 9, 11; Th F S 9, 10. Mrs Gibson, Mr Heider. (III n)
21. Introductory Experimental Psychology. For students who have had an introductory nonlaboratory course in psychology. Two hours of laboratory. Two hours (M T 12) of lecture may be required of advanced standing students. *One hour each semester.* T 2-4. Miss Siipola. (III I)
- 24a. Child Psychology. Mental development of the child from birth to puberty. Prerequisite, 11 or 12. *Three hours.* Lec. Th F 11. Rec. F 12, 2, S 11. Mrs Rose.
- [24b. Psychology of Adolescence. Mental development of the adolescent from puberty to maturity. Prerequisite, 11, 12, or by permission of the instructor. *Three hours.* Lec. Th F 11. Rec. F 12, S 10, 11. Mrs Rose.]
25. Social Psychology. Psychological study of group life, including such topics as communication, propaganda, rivalry and co-operation, classes, war, the social

- patterning of motives, and the cultural factors in personality. Prerequisite, 11 or 12. *Three hours each semester.* Th F S 10. Mr Gibson.
- 31a. Survey of Experimental Psychology. Basic experimental evidence and chief techniques of normal human adult psychology. Lectures, demonstrations, and classroom experiments. Prerequisite, 11 or 21. *Three hours.* M 7:30-9 and one hour to be arranged. Mr Gibson.
- 31b. Projects in Experimental Psychology. Investigation of selected experimental problems. Discussion, conferences, and supervised research. Prerequisite, 31a or by permission of the instructor. About six hours of laboratory. *†Three hours.* Mr Gibson.
- 32a. History of Psychology. Origin and development of the principal problems of psychology, with emphasis upon the influences of various schools of psychologists. Prerequisite, six semester hours in psychology. *Three hours.* M T W 10. Mr Israel.
- 32b. Systematic Psychology. Critical examination of the subject matter and concepts of psychology as treated in current systems. Prerequisite, 32a. *Three hours.* M T W 10. Mr Israel.
- 37b. Psychology of Personality. Study of the psychological organization of the adult personality, with emphasis upon individuality rather than generalized human nature. Basic concepts and theories; experimental and clinical techniques of investigation; development of adult personality-structure. Prerequisite, 11 or 12. Open to Sophomores by permission of the instructor. *Three hours.* W Th F 2. Miss Siipola.
- 38a. Introduction to Mental Measurement. Nature of individual differences and theory and principles of their measurement; theories of intelligence; principles and problems in the construction and interpretation of tests. Prerequisite, 11 or 12. *Three hours.* M T W 9. Miss Crowley.
- 38b. Mental Tests in Clinical Practice. Supervised practice in the giving, scoring, and interpretation of group and individual tests. Analysis of response-patterns of various clinical groups. A minimum of two hours of practice testing in addition to class work will be required. Prerequisite, 38a. *Three hours.* M T W 9. Miss Crowley.
- [39b. Industrial Psychology. Psychology of employers, employees, and consumers in regard to production, distribution, and consumption. Prerequisites, 11 or 12 and permission of the instructor. *Three hours.* M T W 12. Mr Taylor.]
- 41a, 41b. Special Studies. Problems not specifically dealt with by other courses in psychology, such as research problems in experimental psychology, advanced psychology of language, special problems in child psychology, and mental tests. For Seniors by permission of the instructor; for Juniors by permission. *One hour or more.* Hours arranged individually.
- 43b. Comparative Psychology (seminar). *†Three hours.* Mrs Gibson.
- [44b. Child Psychology (seminar). Selected problems, reports, and discussion. Prerequisite, 24a. *†Three hours.* Mrs Rose.]
- 45a. Social Psychology (seminar). *†Three hours.* Mr Gibson.

- 45b. Experimental Social Psychology (seminar). *†Three hours.* Mr Gibson.
46. Abnormal Psychology and Mental Hygiene. Everyday mental abnormalities and various disorders in relation to psychological theory and application. Two optional visits to near-by hospitals. For Seniors who have passed 11 or 12, and are majoring in psychology, education, sociology, or premedical science, or by permission. *Three hours each semester.* M T W 3. Mr Taylor.
- 47a. Psychology of Personality (seminar). Intensive study of projective techniques of investigating personality. Supervised practice with standard techniques. Prerequisite, 37b. *†Three hours.* Miss Siipola.

Graduate Courses

- 50, 50a, 50b. Thesis for the Master's degree. *One hour or more.*
- 51a, 51b. Advanced Studies. Similar to 41a and b. *†One hour or more.*
- 52a, 52b. Seminar in Current Psychological Problems. Also for Senior Honors students by permission. *†One hour or more.*
56. Abnormal Psychology. Students will be required to attend the lectures in 46. Not open to students who have taken 46. *†Three hours each semester.* Mr Taylor.
- Adviser of graduate study: Mr Israel.

THE MAJOR

- Advisers: members of the Department.
Based on 11 or 12. If the major is based on 12, 21 must be taken in Sophomore year, or in Junior year in addition to the major.
Essential Courses: eighteen semester hours in psychology. Six hours must be taken from 24a, 31a, 31b, 32a, 32b, 43b. Courses from this list taken in Sophomore year may be counted toward this special requirement but not within the eighteen hours.
Optional Courses: other courses in psychology and courses in related subjects approved by the Department.

Honors

- Director: Miss Siipola.
Prerequisites: 11 or 12 and 21. Courses in zoology, physics, and German are useful as background.
Program: nine hours from 31a, 31b, 32a, 32b, twelve in other psychology courses, and six devoted to a long paper and review; nine additional hours in psychology or related subjects.
Examinations: one in general experimental and theoretical psychology; one on other fields of psychology; one a more specialized type.

RELIGION AND BIBLICAL LITERATURE

PROFESSORS: S. RALPH HARLOW, PH.D.
 **ANDREW BURNS CHALMERS, B.A., B.D., Religious Director
 ASSOCIATE PROFESSORS: MARGARET BRACKENBURY CROOK, B.A., *Acting Chairman*
 VIRGINIA CORWIN, B.D., PH.D.
 †WILLIAM ARMISTEAD CHRISTIAN, PH.D., *Chairman*
 INSTRUCTOR: PAUL GRIMLEY KUNTZ, PH.D.

14. Introduction to the Study of Religion. Teachings of contemporary Judaism, Roman Catholicism, and Protestantism. Problems presented by scientific thought, nationalism, and industrialized society. Survey of certain important religious ideas. For Freshmen and Sophomores only. *Three hours each semester.* Lec. Th 10. Rec. (for Freshmen) Th F 3, FS 10; (for Sophomores) Th F 2, FS 10. Miss Corwin, Mr Kuntz. (IV)
16. The Bible as Literature. A study of narrative, prophecy, law, lyrics, gospels, letters, and apocalypses, their literary form and religious content. Not open to students who have taken or are taking 22. *Three hours each semester.* M T W 2. Miss Crook. (II)
22. Religion of the Bible. Earliest traditions; the prophets; developments in religion to the Christian era. Jesus; Paul; religion in early Christian circles. Not open to students who have taken or are taking 16. *Three hours each semester.* Th F S 9. Miss Crook. (IV)
- [25a. Greek New Testament. Prerequisite, Greek 11, 11D, or the equivalent. †*Three hours.* Mr Christian. (II)]
- [26a. The Literary History of the Bible from earliest scriptural collections through the history of the great translations. Prerequisite, one year of Bible studies in college. *Three hours.* M T 4 and one hour to be arranged. Miss Crook. (II)]
- 27a. Social Teachings in the Bible, with special reference to the major prophets and Jesus. Recommended for students who intend to take 37. *Three hours.* M T W 11. Mr Harlow. (IV)
- 27b. Life and Teachings of Paul. *Three hours.* M T W 11. Mr Harlow. (IV)
- [28b. Contemporary Judaism. Its religious and social background, and its contribution to Christianity and democracy. *Three hours.* M T W 3. Mr Harlow. (IV)]
- 31a. History of Christian Thought through the Middle Ages. The early church fathers, Augustine, and medieval scholasticism. *Three hours.* M T W 10. Mr Kuntz.
- 31b. History of Christian Thought since the Middle Ages. Classical Protestant thought. Influence of science, philosophy, and historical study: criticism and reconstruction. Developments in Catholic thought. *Three hours.* M T W 10. Mr Kuntz.
- [32b. Religion in America. Religious thought, institutions, and movements as they have developed in American life. *Three hours.* M T W 9. Mr Christian.]
- 34a (34). Contemporary Religious Thought. Background and present significance of recent developments in religious philosophy: literary and religious

humanism, bearing of scientific thought, psychology of religion, social emphasis, and a constructive consideration of the idea of God. *Three hours.* M T W 11. Mr Chalmers.

35a. History of Religions. Hinduism, Buddhism, Confucianism, and Shinto: their thought, institutions, and religious literature. *Three hours.* Th F S 11. Miss Corwin.

35b. History of Religions. Judaism, Christianity, and Islam: great men, characteristic teachings and institutions, relations to each other and to Western culture. *Three hours.* Th F S 11. Miss Corwin.

36a. The Psalms, Wisdom Literature, and Apocalypses of the Old Testament and Apocrypha. *Three hours.* M T W 3. Miss Crook.

36b. Jesus in the Gospels: a study of his teachings. *Three hours.* M T W 3. Miss Crook.

37. American Social Problems. Modern international and race relationships. An examination of these problems and their significance for the world tomorrow. The contribution of religion to their solution. *Three hours each semester.* T 4 and T W 9 or 12. Mr Harlow.

[38. Hebrew. Elementary course with readings from narratives of the Old Testament. *Three hours each semester.* M T W 3. Miss Crook.]

41, 41a, 41b. Special Studies. For Seniors by permission of the Department; for Juniors by permission. *†One hour or more.*

50, 50a, 50b. Thesis for the Master's degree. *One hour or more.*

51a, 51b. Advanced Studies. *†One hour or more.*

Adviser of graduate study: Miss Crook.

THE MAJOR

Advisers: members of the Department.

Based on six semester hours in religion.

Essential Courses: at least eighteen semester hours in religion, including six in Biblical studies (except for students who have taken 22) selected from 22, 25a, 26a, 27b, 36a, 36b, and six in historical or philosophical studies in religion.

Optional Courses: other courses in religion and related courses approved by the adviser.

Honors

Director: Miss Crook.

Prerequisite: six semester hours in religion.

Program: students will fulfill the distribution requirements of the major and will include in Senior year one unit for the preparation of the paper and one for review. The major portion of the work will be in units and courses in the Department, with work in related fields approved by the director.

Units will be conducted by means of regular conferences and special reading, and will usually be planned in conjunction with existing courses.

Examinations: one in the field of concentration; one in the general field of religion and related subjects; an essay on a previously assigned subject.

Units

- Studies in the Old Testament. Miss Crook.
 Studies in the New Testament. Miss Crook.
 History of Christian Thought. Mr Kuntz.
 Judaism. Mr Harlow.
 The Function of Religion in the Development of Society. Mr Harlow.
 History of Religion. Miss Corwin.

SLAVIC LANGUAGES AND LITERATURES

VISITING PROFESSOR: MANFRED KRIDL, PH.D.
ASSOCIATE PROFESSOR: HELEN MUCHNIC, PH.D., *Chairman*
ASSISTANT PROFESSOR: CATHERINE A. PASTUHOVA, PH.D.
INSTRUCTOR: LYDIA V. SAVITZKAYA, M.A.

POLISH

- Polish 11.** Elementary Course, including pronunciation, basic rules of grammar, reading, and speaking. *†Three hours each semester.* Mr Kridl. (I)
- [**Polish 21.** The Polish Literary Language. Reading from the works of modern novelists. Prerequisites, a knowledge of the language and permission of the instructor. *†Three hours each semester.* Mr Kridl. (I)]
- Polish 31.** Advanced course for those who have passed 21. *†Three hours each semester.* Mr Kridl.

RUSSIAN

- Russian 11D.** Elementary Course. Nine class hours. *Six hours each semester.* M T W 10 Th F S 9 and M W F 3. Mrs Pastuhova, Mrs Savitzkaya. (I)
- Russian 21D.** Intermediate Course. Prerequisite, 11D or the equivalent. *Six hours each semester.* M 3 T W Th F 2 and one hour to be arranged. Mrs Pastuhova. (I)
- Russian 23.** Literature of the Nineteenth Century. Development of Russian realism. Study of some typical works of Pushkin, Lermontov, Gogol, Turgenev, Dostoevsky, and Tolstoy, with discussion of important trends in social and aesthetic ideas which they represent. Conducted in Russian. *Three hours each semester.* M T W 12. Miss Muchnic. (II)

- Russian 31.** Advanced Course. Conversation, reading, and composition. Special stress on pronunciation and the building of vocabulary, based on study of the roots and structure of the language. Reading from classical and Soviet literature. Prerequisite, 21D or by permission of the instructor. *Three hours each semester.* T 3 Th F 12. Mrs Pastuhova.

SLAVIC LITERATURE IN TRANSLATION

- Russian 26.** History of Russian literature from the beginnings to the Revolution. *Three hours each semester.* M T W 9. Miss Muchnic. (II)
- Russian 35a.** Pushkin and Gogol. *Three hours.* M T W 10. Miss Muchnic.

Russian 35b. Tolstoy and Dostoevsky. *Three hours.* M T W 10. Miss Muchnic.

Russian 39. Comparative Slavic Literature: Russian, Polish, Czech. Literary trends reflecting cultural changes. *Three hours each semester.* Th F S 11. Mr Kridl.

Russian 42b (38b). Russian Literature since the Revolution. *†Three hours.* Miss Muchnic.

Russian 41, 41a, 41b. Special Studies. By permission. *†One hour or more.*

Students who wish to major in Russian or in Russian Civilization should consult Miss Muchnic.

SOCIOLOGY

PROFESSOR: GLADYS EUGENIA BRYSON, PH.D., *Chairman*

ASSOCIATE PROFESSORS: NEAL BREAULE DE NOOD, PH.D.

*MARGARET ALEXANDER MARSH, A.M.

ASSISTANT PROFESSOR: CHARLES HUNT PAGE, PH.D.

INSTRUCTORS: HELEN SULLIVAN MIMS, A.M.

ADELAIDE CROMWELL HILL, A.M.

Students planning to major or to do Honors work in sociology are advised to select from the following: Psychology 11, 12, 25; Zoology 11, 12; Economics 21; Government 11, 21; History 11, 13, 21, 28, 29; Philosophy 11, 22, 24.

Students who plan to enter the field of social work should consult their major advisers regarding desirable courses.

Unless otherwise indicated the prerequisite for Grade III courses is 26 or permission of the instructor.

11b. Sociology of American Life. Population and nationality groups; living standards; peculiarly American character of our institutions; changing problems. *Three hours.* M T W 11. Miss Bryson.

26. Introduction to the Study of Society. *Three hours each semester.* Lec. M T 10. Rec. W 10, 11, 12; Th 11, 12. Mr Page, Mrs Mims, Mrs Hill. (IV)

31a. Urban Sociology. Theoretical and practical problems of urbanization. *Three hours.* M T W 9. Mrs Hill.

32. Social Maladjustment. Causation and prevention of social pathologies. Optional field trips. *Three hours each semester.* Th F S 9. Mr De Nood.

33a. Social Anthropology. Life and thought of nonliterate peoples; processes of cultural adaptation and change. *Three hours.* M T W 2. Miss Bryson.

[**34a**], **34b.** Expansion of Western Culture. Cultural consequences of modern imperialism; spread of science, technology, nationalism, secularism, and other culture complexes of Western civilization throughout the world. Prerequisite for 34b, 34a or by permission of the instructor. *Three hours.* Th F S 10. Mrs Marsh.

35a. The Modern Family. Standards of living and child welfare; changing laws and attitudes; shifting and permanent values. For Seniors. Prerequisite for

Juniors, 26 or by permission of the instructor. *Three hours.* M T W 11. Miss Bryson.

36. Scope and Problems of American Sociology. American theoretical sociology; its applications to social work, education, jurisprudence, religion, and history. For Juniors and Seniors who have passed 26; for other Seniors by permission of the instructor. *Three hours each semester.* M T W 12. Miss Bryson.

[37a. Population Quantity. Theories of Malthus and others. Population and resources; urbanization; reproductive trends throughout the world. *Three hours.*]

[37b. Population Quality. Variability; heredity and selection; social stratification; heredity versus environment in individual and racial differences; eugenics. *Three hours.*]

38. European Sociological Theories. Theories of Pareto, Mannheim, Durkheim, Weber, and Simmel; nonlogical action; cultural dynamics; forms of organized interaction. *Three hours each semester.* Th F S 11. Mr De Nood.

39b. Social Work Theory. Concepts and developments underlying community organization, social agency administration, public and child welfare; contemporary theories in the fields of social case work and group work. Prerequisite, the introductory course in economics, government, or sociology. *Three hours.* Th F S 10. Miss Day.

310b. Types of Social Organization. The nature of social bonds in various types of society, primitive, Oriental, and Western; their impact on personality; implications for modern society. *Three hours.* M T W 11. Mrs Mims.

311a. Class and Caste in American Society. Major theories and their application to the American scene; examination of current research dealing with social movements and personality types related to class status. *Three hours.* M T W 3. Mr Page.

41, 41a, 41b. Special Studies. For Seniors by permission of the Department; for Juniors by permission. *†One hour or more.*

43b. Seminar in Techniques of Social Research. Surveys, questionnaires, interviews, case studies, social ecology. Prerequisites, 26 or Economics 21, first semester of Economics 38, and permission of the instructor. *Three hours.* W 7:30. Mr Page.

44. Seminar in Social Institutions. Structure, functions, dynamics, and integration of contemporary institutions. By permission of the instructor. *†Three hours each semester.* Mr De Nood.

45. Seminar in Changing Social Organization. Emergence of a new social order; middle-class and mass ideologies; problems of democratic processes. By permission of the instructor. *Three hours each semester.* T 7:30. Mr Page.

47b. Interdepartmental Seminar in Economics, Government, and Sociology: for 1946-47, Minority groups in the United States. By permission of the director, Mr Nixon. *†Three hours.* Members of the participating departments.

50, 50a, 50b. Thesis for the Master's degree. *One hour or more.*

51, 51a, 51b. Special Advanced Studies. *†One hour or more.*

Adviser of graduate study: Miss Bryson.

THE MAJOR

Advisers: members of the Department.

Based on 26.

Essential Courses: eighteen semester hours above Grade II in sociology of which six must be taken in 36 or 38.

Optional Courses: other courses in sociology; appropriate courses in allied departments as approved by the adviser.

Honors

Director: Mr De Nood.

Prerequisite: 26. Candidates are urged to take introductory courses in as many departments in Group IV as their programs will permit.

Program: units, seminars, and courses, including at least six hours in systematic sociological theory, both European and American, preferably in Junior year; six hours for a long paper in first semester of Senior year; three hours for directed reading and review in the second; and twelve additional hours in sociology.

Examinations: one in theory and two in the fields of concentration which may also include sociological theory.

Units

American Sociological Theory. Miss Bryson.

European Sociological Theory. Mr De Nood.

Expansion of Western Culture. Mrs Marsh.

Community and Society. Mrs Mims.

Social Anthropology. Miss Bryson.

The first five units will usually count for six hours each, the last one for three.

Other units may be offered upon request.

SPANISH AND PORTUGUESE LANGUAGES AND LITERATURES

PROFESSORS: RUTH LEE KENNEDY, PH.D.

JOAQUÍN CASALDUERO, DOCTOR EN FILOSOFÍA Y LETRAS

ASSOCIATE PROFESSORS: ELIZABETH ANDROS FOSTER, PH.D., *Chairman*

MIGUEL ZAPATA Y TORRES, PH.D.

KATHERINE REDING WHITMORE, DOCTORA DE LA UNIVERSIDAD DE MADRID

HELEN JEANNETTE PEIRCE, A.M.

ASSISTANT PROFESSORS: JUSTA ARROYO, A.M.

ESTHER BERTHA SYLVIA, D.M.L.

INSTRUCTORS: JOAQUINA NAVARRO, A.M.

MELBA MANERO, DOCTORA EN FILOSOFÍA Y LETRAS

DENAH LEVY, A.M.

SUSANNE ANGELA GILIBERTI, A.M.

BETH WILSON NOBLE, M.A.

BEATRICE P. PATT, PH.D.

Students planning to take the Spanish or the Latin-American major, who have entered with only two units of an inflected language, will be required to take Latin 11a, Greek 12a, or six hours of the classics in translation: Greek 18a, Latin 18b, 28.

The following additional preparation is recommended for those intending (1) to major in Spanish: Latin 13a and b, a reading knowledge of French or Italian, English 21, History 11 or 13; (2) to do Honors work: Latin 13a and b, a reading knowledge of French, History 325 or the equivalent, a general knowledge of English literature.

PORTUGUESE

21. Elementary Portuguese. Prerequisite, two years of Spanish or by permission of the instructor. *Three hours each semester.* Th F S 9. Miss Peirce.
 22a, 22b. Reading of Modern Portuguese Prose. Prerequisite, 21. \dagger *One hour.* Miss Peirce.

SPANISH

A. Language

11. Elementary Course. *Three hours each semester.* Th F S 9. Miss Levy.
 11D. Elementary Course, covering the work of two years. Seven class hours. *Six hours each semester.* M T W Th F S 9, 10, 11, 12 and one hour from M, T 2, 3, Th, F 3, 4. Members of the Department. (I)
 12. Intermediate Course. Grammar review and reading of modern prose. Prerequisite, two or three units in Spanish or 11. Special sections will be offered for those entering with three units. *Three hours each semester.* M T W 9, 10; Th F S 9, 10, 11. Members of the Department. (I)
 21. Prose Composition. Prerequisite, four units in Spanish, 11D, 12, or by permission. *Three hours each semester.* W Th F 2. Miss Foster, Miss Levy. (I)
 31a. Advanced Prose Composition. Prerequisite, 21. *Three hours.* Th F S 10. Mr Zapata.
 32a. Teachers' Course. Review of Spanish grammar. Discussion of methods. Practice teaching. \dagger *Three hours.* Miss Kennedy.
 33a, 33b. Advanced Translation into English. The material to be translated will be taken from current publications, letters, technical articles. *Three hours.* Th F S 12. Miss Foster.

B. Conversation

- [13a. Conversation. Prerequisite, two or three units in Spanish or 11. This course must be taken in connection with another course in the Department. Two class hours. *One hour.* M T 2. Mrs Patt.]
 13b. Repetition of 13a. Students who are taking 11 may enter this course.
 23a. Conversation. Prerequisite, 13a or b, 11D, or 12. This course may not be counted in the minimum if taken alone. Two class hours. *One hour.* M T 3. Miss Giliberti.
 23b. Repetition of 23a. Students who are taking 12 may enter this course.

C. Literature

The prerequisite for courses of Grade III in this Division is 25, 26, or permission.

25. Reading of Modern Novels and Plays. Prerequisite, four units in Spanish, 11D, 12, or by permission. *Three hours each semester.* M T W 11, Th F S 9. Mr Casalduero, Miss Foster, Miss Arroyo. (I and II)
26. Survey of Spanish Literature. Lectures in Spanish; collateral reading in English and Spanish. Prerequisite, four units in Spanish, 11D, 12, or by permission. *Three hours each semester.* M T W 11. Mrs Patt. (II)
27. Reading and Appreciation of Spanish Poetry. Special stress will be laid on oral reading. For students who have passed 12 or have passed or are taking 21, 25, or 26. †Two class hours. *One hour each semester.* Mrs Whitmore. (II)
- 34a. Prose Literature of the Seventeenth Century. Cervantes, *Don Quijote* in part, and some of the *Novelas ejemplares*. *Three hours.* M T W 12. Mr Casalduero.
- 34b. Dramatic Literature of the Seventeenth Century. *Three hours.* M T W 12. Miss Kennedy.
- 35b. Spanish Culture and Civilization. *Three hours.* M T W 10. Mr Casalduero.
- 36a, 36b. Spanish Literature of the Nineteenth Century. 36a, the essay; 36b, the novel. To alternate with 37a and b. *Three hours.* M T W 11. Mrs Whitmore.
- [37a, 37b. Spanish Literature of the Nineteenth Century. 37a, the drama; 37b, poetry. To alternate with 36a and b. *Three hours.* M T W 10. Mr Casalduero.]
- 38b. Masterpieces of Spanish Literature to the beginning of the seventeenth century: *Poema del Cid*, *Libro de buen amor*, *La Celestina*, etc. *Three hours.* Th F S 10. Mr Zapata.
- 310a, 310b. South American Literature. A study of representative works and authors from the colonial period to the present. It is strongly recommended that History 13 or 325 be taken by students electing the course. *Three hours.* M T W 2. Miss Peirce.
- 41, 41a, 41b. Special studies arranged in consultation with the Department. For Seniors; for Juniors by permission. †*One hour or more.*

D. Graduate Courses

Students who wish to do graduate work in the Department are required to have a knowledge of Latin.

- 50, 50a, 50b. Thesis for the Master's degree. *One hour or more.*
- 51, 51a, 51b. Advanced studies in Spanish literature, arranged in consultation with the adviser of graduate study. †*One hour or more.*
52. Spanish Historical Grammar. †*Two hours each semester.* Mr Zapata.
53. Old Spanish Readings. †*One hour each semester.* Mr Zapata.

Adviser of graduate study: Miss Foster.

THE MAJORS

Advisers: Miss Foster for 1947; Miss Peirce for 1948.

A. The Spanish Major

Based on 11D or 12.

Essential Courses: from Division A, 21 and 31a; from Division C, 34a and b.

Optional Courses: other Spanish courses above Grade I except 23a and b.

With the consent of the adviser a student may substitute for one course in the major subject a closely related course in another department.

B. The Latin-American Major

Based on 11D or 12.

Essential Courses: 26, 310a, 310b; History 325.

Optional Courses: 21, 31a, any Grade III course from Division C; Portuguese 21, 22a and b; History 420b; Geology 32b; Sociology 34b; Art 324b; with the consent of the adviser any course of Grade III or IV treating some phase of Latin-American civilization.

Honors

Director: Mr Zapata.

Prerequisites: 11D or the equivalent; 25 or 26 and, if possible, 21.

Program:

Minimum requirement: one unit in language in first semester of Junior and Senior years; a paper and review in Senior year.

Optional courses or units to be selected in consultation with the director.

Examinations:

1. In Spanish: to test ability to use the language.

2. In English: (a) on the whole field; (b) on a special field; (c) on a great writer *not* of the special field.

Units

Juan Ruiz; Garcilaso de la Vega; Cervantes; Lope de Vega; Tirso de Molina; Larra; Galdós; Unamuno.

SPEECH

ASSOCIATE PROFESSORS: LIZBETH R. LAUGHTON, B.A.

VERA A. SICKELS, A.M., *Chairman*

ASSISTANT PROFESSOR: MARY HEDWIG ARBENZ, A.M.

A survey of the speech of Freshmen and advanced standing students is made at a stated time during their first year. The individual tests are designed to show not only speech difficulties and defects but also creative and artistic ability. On the basis of the test each student is advised concerning courses which should best suit her own needs. Students found to have difficulties such as careless articulation, lack of force, unpleasant voice quality, inability to read aloud or speak effectively are urged to avail themselves as soon as possible of the opportunity offered for overcoming these handicaps.

11, 12a or b (with 22a or b), 13, or 14 is the prerequisite for courses above Grade I.

11. General Course. Practical and theoretical course including elementary voice science, applied phonetics as a basis for analysis of speech sounds and pronunciation.

tion, practical individual training in improving voice quality and developing distinct articulation, and the theory and practice of effective reading and speaking before an audience. *Three hours each semester.* M T W 9, 12, 3; Th F S 10, 11. Members of the Department. (II)

12a or b. A one-semester general course. *Three hours.* M T W 10. Miss Sickels.

13. A course similar to 11 for students whose main interest is in public speaking. *Three hours each semester.* M T W 11. Miss Arbenz. (II)

14. A course similar to 11 for students whose main interest is in the field of drama. Recommended for students majoring in theatre. By permission of the instructor for those students who have had some previous training or are otherwise qualified. *Three hours each semester.* M T W 9, Th F S 11. Miss Laughton. (II)

21. Oral Reading. Study of various types of literature for oral interpretation, with emphasis on reading of poetry, narrative prose, and poetic drama, and preparation of lecture-readings using these forms. *Three hours each semester.* M T W 11. Miss Sickels. (II)

22a, 22b. Voice Training. Practical course in the development of voice. *One hour.* Th 2. Miss Sickels. (II)

[23a. Discussion. Procedures in various forms of modern group discussion studied in application to current problems. *Three hours.* M T W 10. Miss Arbenz. (II)]

23b. Public Speaking. Principles underlying persuasive speaking. Practice in delivery of various types of speeches. *Three hours.* M T W 10. Miss Arbenz. (II)

25a, 25b (24a, 24b). Play Reading. Intensive study of selected scenes for analysis of character and dramatic expression. *Three hours.* M T W 10. Miss Arbenz. (II)

28. Phonetics for Foreign Students. Formation of English speech sounds, their distribution in connected speech, stress, intonation, and rhythm. †Two class hours. *One hour each semester.* Miss Laughton.

[31. Advanced Oral Reading. Prerequisite, 21 or 25a or b. †*Three hours.* Miss Sickels.]

34. Presentation of Dramatic Material. Principles of stage action, pantomime, and style and manner of delivery, through presenting scenes from plays of various types and periods. Open to Sophomores majoring in theatre; to other Sophomores by permission of the instructor. *Three hours each semester.* M T W 11. Miss Laughton. (II)

35. Advanced Play Reading. Analysis of character, structure, rhythm, and mood of plays from various types of modern drama, beginning with the later plays of Ibsen, and including Strindberg, Chekhov, Hauptmann, Molnar, Wilde, and Shaw. Prerequisite, a course of Grade II in speech. English 311 is advised. *Three hours each semester.* M T W 12. Miss Laughton.

41a, 41b. Special Studies. For Seniors by permission of the chairman. †*One hour or more.*

- 44a, 44b. Acting. Preparation of scenes from contemporary drama for laboratory presentation. Prerequisite, 34 or the equivalent. Four class hours. *Three hours.* Th F 10-12 or 11-1. Miss Sickels.
48. Teachers' Course. General review, with special reference to the pedagogy of voice and speech. Observation and directed practice teaching. Prerequisites, 21 and one other course in speech above Grade I. *Three hours each semester.* Th 4-6 and two hours of observation to be arranged. Miss Sickels.

THEATRE

PROFESSOR:	HALLIE FLANAGAN DAVIS, A.M., L.H.D., <i>Director</i>
RESIDENT PLAYWRIGHT AND PRODUCTION	
DIRECTOR:	*HALSTED WELLES, M.F.A.
PRODUCTION DIRECTOR:	¹ JOHN REICH, PH.D.
TECHNICAL DIRECTOR:	DENTON M. SNYDER, M.A.
ASSOCIATE PROFESSOR:	EDITH BURNETT, B.S. (Dance)
INSTRUCTOR:	LINDA LOCKE (Dance)
TEACHING FELLOW AND PRODUCTION SECRETARY:	SALLY BELL SMITH, A.B.
TEACHING FELLOW AND TECHNICAL ASSISTANT:	HARRY BRILL MILLER, A.B.
TEACHING FELLOW:	JOHNNY FAE NELSON, A.B.

- 11a. Introduction to Theatre. The place of the theatre in the life of man and in the art and society of his time. Analysis of basic elements of theatre: play, direction, acting, design. Lectures and discussion. *Three hours.* M T W 11. Mrs Davis, Mr Snyder, Mr Larkin. (II)
- 11b. Introduction to Theatre. Origin, development, and relation of drama to theatrical conditions of various periods. Lectures and discussion. *Three hours.* M T W 11. Mr Eliot, Mr Snyder. (II)
12. Principles of Movement in Relation to Theatre. *One hour each semester.* Lec. W 10 or 2; one supervised practice hour to be arranged. Miss Burnett.
22. Modern Dance. Technique, study of dance forms. One public production. Open to students who have taken dance in the Department of Physical Education; to others by permission of the instructor. *Three hours each semester.* Lec. W 9; four supervised practice hours to be chosen from M, T 9, 10, 3; W 3; Th, F 11, 12. Miss Burnett.
31. Play Production. Study and laboratory work necessary for presentation of two productions a year, illustrating co-ordination of writing, acting, design, and stagecraft, accompanied by classwork in these fields. For Juniors taking the major; for others by permission of the Department. *Six hours each semester.* M T W 2-4. Mrs Davis, Mr Welles, Mr Snyder.
- 32a, 32b. Radio. Study and practice in the preparation of radio scripts. [†]*Three hours.* Miss Arbenz, Mr Welles.
- [33. Principles and Technique of the Documentary Film. Lectures and discussion in connection with the showing of documentary films from the Museum of

Modern Art and elsewhere. The writing and production of a short, one-reel film. Open to Juniors and Seniors in the Department; to others by permission of the Department. *Three hours each semester.* T 5 Th 2-4. Mrs Davis, Mr Snyder, and outside lecturers.]

NOTE.—This course is sponsored by The Motion Picture Foundation for Colleges and Universities.

35b. Script Editing for the Stage. A study of special forms of dramatic composition: the "living newspaper" and the film script, with practice in writing scripts and in preparing them for production. *†Three hours.* Mr Welles.

41, 41a, 41b. Special Studies. Choreography, design, etc. *†One hour or more.*

43. Advanced Play Production. A course in which students will continue their studies in writing, acting, design, and stagecraft, and will work in an apprentice relationship with the producer in staging the Department's season of plays. For Seniors. Prerequisite, 31. *Six hours each semester.* M T W 2-4. Members of the Department.

50. Thesis for the Master's degree. *One hour or more.*

51, 51a, 51b. Advanced studies arranged in consultation with the Department.
†One hour or more.

52. Rehearsal and Production. Theory and practice on three department productions; advanced work in direction, acting, lighting, and stage design. *Six hours each semester.*

INTERDEPARTMENTAL MAJOR

Advisers: Mrs Davis and members of the Department.

Based on 11a and b.

Essential Courses: 31 and 43; Speech 11 or 14; Theatre 12 or 22. It is advisable for students to have met the speech and dance requirements by the end of Sophomore year.

In addition at least six hours from the following: Theatre 32a, 32b, 35b; English 312a, 345a, 345b; Speech 25a, 25b, 34, 44a, 44b; or courses in other departments approved by the adviser.

Honors

Director: Mrs Davis or a designated member of the Interdepartmental Major staff.

Prerequisites: see the requirements for entrance to the major.

Program: the requirements will consist of (1) Junior year, 31; Senior year, 43. Students may combine this basic work with courses totaling at least fifteen hours in art, English, languages, music, speech, theatre, or any other field approved by the director. (2) An independent piece of work counting for six hours which may take the form of a thesis in the literature, art, or history of the theatre; an original play; creative work in design, acting, direction, or stagecraft.

Examinations: two written and one oral along the following lines: historical, theoretical and literary, technical.

ZOOLOGY

PROFESSORS:	HOWARD MADISON PARSHLEY, S.D., <i>Chairman</i> MYRA MELISSA SAMPSON, PH.D. ERNEST CHARLES DRIVER, PH.D.
ASSOCIATE PROFESSORS:	LOIS EVELYN TE WINKEL, PH.D. **ESTHER CARPENTER, PH.D. ELIZABETH SANDERS HOBBS, D.S.C.
ASSISTANT PROFESSOR:	S. MERYL ROSE, PH.D.
INSTRUCTORS:	B. ELIZABETH HORNER, A.M. ANNA LOUISE DUNHAM, PH.D. BARBARA HOPKINS LEONARD, M.S. MARJORIE CATHARINE BOWMAN, M.A. URSULA CLARA ROTHFELS, A.B. JANE MORGAN, B.S. MERA MUNN RIDDELL, B.S. ELOISE ROSE VOLPEL, A.B.
TEACHING FELLOWS:	

Students planning to major in zoology are advised to take 11 in Freshman year and to have a knowledge of general botany or chemistry and a reading knowledge of German. Chemistry, physics, and German are required by many graduate schools. See also preparation required for Honors work.

11. General Zoology. Introduction to the study of animals, including the fundamental principles of biology and a comprehensive survey of the animal kingdom. Laboratory work consists of dissection, experiments, and practice in the use of the microscope. Special laboratory sections are open for students who have had biology. Two lectures and two two-hour laboratory periods. *Three hours each semester.* Lec. Th F 2; Lab. A, M T 9; Lab. B, M T 11; Lab. C, M T 2; Lab. D, M T 11; Lab. E, Th F 9; Lab. F, Th F 11; Lab. G, Th F 11; (Lab. H, M T 9). Mr Parshley, Mrs Hobbs, Mr Rose, Miss Dunham, Miss Rothfels. (III 1)

12. Anatomy and Physiology of Man and Other Mammals. Laboratory work includes study of the human skeleton, of the muscles, nervous system, and viscera of other mammals, and microscopic study of tissues and organs. Two lectures and two two-hour laboratory periods. *Three hours each semester.* Lec. Th F 11; Lab. A, M T 9; Lab. B, M T 11; Lab. C, M T 2; Lab. D, Th F 9; Lab. E, Th F 2. Miss Sampson, Miss Te Winkel (*Director*), Mr Rose, Miss Horner, Miss Leonard. (III 1)

22. Comparative Anatomy of Vertebrates. Comparison and probable evolution of structures in a series of chordates from *Amphioxus* to mammal. Prerequisite, 11 or 12; open to geology majors by permission of the instructor. Two lectures and two two-hour laboratory periods. *Three hours each semester.* Lec. M T 11; Lab. M T 2, Th F 9. Mr Driver, Miss Horner. (III 1)

[31a. Nutrition. Human nutrition and its relation to the composition, supply, selection, preparation, and cost of food. By permission of the instructor. Lectures and demonstrations. *Three hours.* Th F 9-11. Miss Sampson.]

32. General Physiology. Experimental study of animal functions, their interrelations and their regulation. For students who have passed 12 or have passed or are taking 22, *and* Chemistry 11 or the equivalent. Two lectures and two

two-hour laboratory periods. *Three hours each semester.* Lec. M 9 and 10; Lab. M T 2, T W 9, (Th F 3). Miss Sampson, Miss Bowman.

33. General Embryology. Development of animals, with particular reference to vertebrates. For students who have passed 12 or have passed or are taking 22. Two lectures and four hours of laboratory. *Three hours each semester.* Lec. M T 2; Lab. M T 3-5, (Th F 2-4). Miss Te Winkel.

34a. Entomology. Introductory study of insects, with field trips. Prerequisite, 11. *Three hours.* Th F 11-1 and two hours of independent work. Mr Parshley.

36. Genetics and Eugenics. Principles of reproduction and heredity, with economic and eugenic applications. Prerequisite, a course of Grade I in zoology or botany, and for Sophomores permission; open to students majoring in sociology or education by permission of the instructor. Two lectures, one two-hour laboratory period, and two hours of independent work. *Three hours each semester.* Lec. Th F 10; Lab. Th 3, (F 3). Mr Parshley. (III I)

37. Normal Histology. Microscopic study of animal tissues and organs, with practice in the more usual methods of histological technic. Prerequisite, 12 or 22. *Three hours each semester.* Lec. Th 9; Dem. F 9; Lab. A, Th F 11-1; Lab. B, M T 9-11. First semester, Miss Carpenter; second semester, Miss Leonard.

38. Animal Taxonomy and Ecology. Field and laboratory work on animal identification and habits. Lectures on early American naturalists, methods of nature study, and wild-life conservation. Prerequisite, 11; open to botany majors by permission of the instructor. Two lectures and four hours of laboratory or field work. *Three hours each semester.* Lec. Th F 2; Lab. Th F 3-5. Mr Driver.

311b. Protozoology. Free living and parasitic Protozoa and their relationships to other animals including man. Prerequisite, 11 or 12. *Three hours.* Th F 11-1 and two hours of independent work. Mrs Hobbs.

41, 41a, 41b. Special Studies. Problems not dealt with in other courses in the Department. For Seniors by permission of the Department; for Juniors by permission. *†Two hours or more.*

42b. Advanced Physiology. Properties and functions of products synthesized by living organisms, including enzymes, hormones, vitamins, and other specific substances. Prerequisites, 32 and Chemistry 31. One lecture and five hours of laboratory. *Three hours.* Lec. F 2; Lab. Th 2-5, F 3-5. Miss Sampson, Miss Bowman.

43a. Development of Zoological Concepts. Study of man's continuous effort to analyze and reduce to system the knowledge of living organisms and to interpret the phenomenon of life, with special attention to the development of the concept of species and theories of evolution. Open, by permission of the instructor, to students not majoring in zoology. *†Three hours.* Mr Driver.

Research Courses

In these courses the work is individual and involves, in addition to the laboratory work upon which it is based, extensive reading and conferences with the instructor at stated intervals. A reading knowledge of French and German is desirable.
†Two hours or more each semester.

- 50, 50a, 50b. Thesis for the Master's degree. *One hour or more.*
- 52a, 52b. Embryology. Prerequisite, 33. Miss Te Winkel, Mr Rose.
53. Anatomy (prerequisite, 22) or Ecology (prerequisite, 38). Mr Driver.
54. Seminar. Recent Advances in Zoology. Reading and individual reports.
†*One hour each semester.*
56. Entomology. Prerequisite, 34a. Mr Parshley.
- 57, 57a, 57b. Physiology. Prerequisite, 32. Miss Sampson.
- 58a, [58b]. Histology and Cytology (prerequisite, 37) or [58. Tissue Culture (prerequisites, 37 and Bacteriology 22)]. Miss Carpenter.
59. Genetics. Prerequisite, 36. Mr Parshley, Mr Driver.
- NOTE.—See also Botany 53a and b.
510. Protozoology. Prerequisite, 311b. Mrs Hobbs.
- Adviser of graduate study: Miss Sampson.

THE MAJOR

Advisers: Mr Parshley, Miss Sampson, Mr Driver, Miss Te Winkel.
Based on 11 or 12. If based on 12, 11 must be taken later.

Essential Courses: 22. Twelve of the eighteen semester hours required in the Department must be above Grade II.

Optional Courses: other courses in zoology; courses in botany, chemistry, geology, physics, psychology with the approval of the adviser; Economics 38; Bacteriology 22, 34; Physical Education 43b.

Honors

Director: Miss Carpenter.

Prerequisites: 11 and 22; Chemistry 11 or its equivalent. Normally these courses should be taken before Junior year.

Program:

Requirements: 32, 33, 43a, and three additional hours in zoology; three hours on a problem or paper; three hours of directed reading and review.

Optional courses approved by the director.

Examinations: two will cover the general field; the third may be of a specialized character.

INTERDEPARTMENTAL MAJORS

In addition to the departmental majors there are interdepartmental majors in which courses offered by different departments are focused on a certain field of study. The work is so arranged that it covers four years instead of two. Students are expected to fulfill the general college requirements for the first two years. Interdepartmental majors are offered in the following: American Civilization; Architecture and Landscape Architecture; Sciences, including Bacteriology, Physiological Chemistry, and Premedical Science; Theatre.

AMERICAN CIVILIZATION

In this major certain courses, offered by different departments but dealing in

every case with some aspect of life in the United States, are brought together for the sake of making possible a more unified and significant view of American culture than could otherwise be gained.

Based on History 11 or 13; English 21 or the equivalent.

Philosophy 11 or 24, Art 11, and Music 13 are recommended.

Essential Courses: at least nine semester hours in history, six in American literature, three in art or music, and six in philosophy, education, religion, or government chosen from the following:

History 28, 29, 320, 321a and b, 414a and b, 415a and b, 56b, 57a.

English 329, 416a and b, 417b, 512a or b.

Art 325a and b, 329a; Education 36b; Government 324a; Music 318b; Philosophy 310a; Religion 32b.

Optional Courses: courses from the list above; Art 37; Economics 32; French 312a; Geology 13, 33a, 33b; Government 21, 33b, 34a, 34b, 39a; History 325, 420b; Religion 37; Sociology 35a, 36.

Adviser: Mr Aaron.

Honors

Director: Mr Aaron.

Program: students must fulfill the distribution requirement of the major. All candidates will take a minimum of eighteen hours in units or seminars, including (1) directed reading (three hours) second semester of Junior year, (2) an integrating unit (six hours) second semester of Senior year, and (3) a paper (three hours) written in first semester of Senior year.

Examinations: one general testing the candidate's understanding of American cultural history as an integrated whole; one on the concrete interrelationship of two fields included in the major; one based on the investigation of specific topics assigned in advance.

ARCHITECTURE AND LANDSCAPE ARCHITECTURE

This major is planned for students who have a special interest in these subjects and for those who expect to make them a profession. They are so interrelated that some professional schools require study in both fields in preparing for either profession. Advanced credit is allowed in certain of these schools to those who have taken this major.

Based on Art 11. Art 13 and Botany 27 are advised.

Essential Courses: Art 35a and 36b, 37, 339, 341; Botany 38a and b.

Suggested electives: Art 212, 39a, 329a, 41, 41a, 41b; Botany 11, 22b, 33b; Geology 26; Mathematics 12 or 13; Sociology 31a; French or German.

Adviser: Miss Koch or Mr Putnam.

Honors

Director: Miss Koch.

Examinations: one will be the solution of a project to test the student's ability in the technical field; one her scholarship in the history of architecture and of landscape architecture; one will comprise essay questions of a general nature treating several fields together.

SCIENCE

The interdepartmental majors in science are designed as preparation for (1) professional schools such as medicine, public health, or nursing; (2) graduate study in those fields which involve a thorough knowledge of more than one science, e.g. biochemistry, biophysics, or bacteriology; (3) laboratory work. Because it is advantageous to have basic training in chemistry, physics, zoology, and mathematics it is urged that the student see the advisers of these majors as early as possible in Freshman year.

Students planning to enter schools of nursing may consult Miss Sampson for information concerning entrance requirements for these schools.

BACTERIOLOGY

Essential Courses: Chemistry 11 or 12, 21a and b or 23, 31; Bacteriology 22, 34; Zoology 12.

Optional Courses: courses in chemistry, bacteriology, physics, zoology, or mathematics approved by the adviser, Miss E. V. Smith.

Honors

Director: Miss Smith.

Prerequisites, normally taken before Junior year: Bacteriology 22; Chemistry 21a and b or 23; Zoology 12.

Program:

Requirements: Bacteriology 34, 43a; Chemistry 31; Mathematics 12 or 13; three hours throughout Senior year on individual work, directed reading, and review.

Optional Courses: courses in chemistry, zoology, bacteriology, physics, or mathematics approved by the director.

Examinations: one in chemistry, one in bacteriology, one selected according to the student's program.

PHYSIOLOGICAL CHEMISTRY

Essential Courses: Bacteriology 22; Chemistry 11 or 12, 21a and b or 23, 31, 42a; Zoology 12 or 22, 32, 42b.

Optional Courses: other courses in chemistry, bacteriology, zoology, physics, mathematics, or Botany 37b with the approval of the adviser, Miss Burt.

Honors

Director: Miss Burt.

Prerequisites, normally taken before Junior year: Chemistry 21a and b or 23; Mathematics 12 or 13; Zoology 12.

Program:

Requirements: Bacteriology 22; Chemistry 31, 42a; Physics 11 or 21; Zoology 32, 42b; three hours throughout Senior year on a problem, paper, reading, and review.

Optional Courses: courses in chemistry, physics, bacteriology, zoology, mathematics, or other related fields by permission of the director.

Examinations: one in chemistry, one in physiology, one selected according to the student's program.

PREMEDICAL SCIENCE

The courses listed represent the minimum requirement for entrance to most medical schools, but as these differ from one another it is advisable for students to decide in the spring of Freshman year which school they plan to enter and include any additional courses necessary. Thirty hours in the major are required in the three upper years of which eighteen must be above Grade II.

Essential Courses: Chemistry 11 or 12, 21a and b or 23, 31; Physics 11 or 21; Zoology 11, 22; a college course or its equivalent in German, French, or Spanish.

Optional Courses: other courses in chemistry, physics, mathematics, or zoology.

Sociology 32 or Psychology 46 may be substituted with the permission of the adviser, Miss Te Winkel.

Students may also prepare for medical schools by majoring in any department, if they include in their schedules the courses suggested above as the minimum requirement. They may consult the adviser of this major about their choice of courses.

Honors

Director: Miss Te Winkel.

Prerequisites, normally taken before Junior year: Chemistry 21a and b or 23; Physics 11 or 12; Zoology 11; a college course or its equivalent in German, French, or Spanish.

Program:

Requirements: Chemistry 31; Mathematics 12 or 13; Zoology 22; three hours throughout Senior year on individual work, directed reading, and review.

Optional Courses: courses in chemistry, physics, zoology, mathematics, or bacteriology. Sociology 32 or Psychology 46 may be substituted with the permission of the director.

Examinations: one in chemistry, one in zoology, one selected according to the student's program.

THEATRE

The Interdepartmental Major may be found in the offering of the Theatre Department.

GRADUATE STUDY

SMITH COLLEGE offers graduate work leading to the degrees of Master of Arts, Master of Education, Master of Science in Physical Education, and Doctor of Philosophy. Work for the degrees of Master of Arts or Master of Education may be combined with work for the Diploma for Teachers of Physical Education (see page 132). Advanced instruction is available in practically all departments of the college, and in the interdepartmental fields of bacteriology and genetics.

Graduate courses are open to men as well as to women students, but the degree is not awarded to men. Graduates of any college of approved standing may receive instruction without reference to the attainment of an advanced degree.

ADMISSION

Correspondence should be addressed to the Executive Secretary to the Committee on Graduate Study, College Hall 12b.

Every candidate for admission as a graduate student should fill out an application form which is furnished on request, and present evidence of fitness for graduate work, including an official transcript of the undergraduate record. In addition the candidate is urged to take the Graduate Record Examination administered by the Carnegie Foundation for the Advancement of Teaching* and to present a report of her achievement to the Committee on Graduate Study at Smith College. Application should ordinarily be made in the spring of the year preceding registration. This regulation applies to teaching fellows and assistants as well as to other graduate students. Students who fail to make proper application in advance run the risk of being denied admission at the time of registration. Candidates for the degree of Master of Education should also correspond in advance with the chairman of the Department of Education and Child Study, and candidates for the degree of Master of Science in Physical Education with the Director of Physical Education. Students who wish to do graduate work in music and who have not had their undergraduate work at Smith College are required to take a placement test on the day before the opening of college. Arrangements should be made with the Department.

Graduate students should register in the office of the Committee on Graduate Study at the opening of the college year. At this time they will receive blank course cards which are to be filled out after consultation with the chairman of the departmental committee on graduate work, and returned to the office within one week. Special permission must be obtained for delay in returning these cards. After the program has been arranged a student wishing to make changes must receive written permission through the office of the Committee.

REQUIREMENTS OF ADMISSION TO CANDIDACY FOR ADVANCED DEGREES

To be admitted as a candidate for a degree an applicant must have received her baccalaureate degree from a college or university of recognized standing, have

* Candidates should correspond with the Graduate Record Examination, 437 West 59th Street, New York 19, for information concerning the nature of this examination and the dates and location of its administration.

fulfilled the requirements for a Smith College undergraduate major or its equivalent in the department in which the degree is to be received, and must show promise of ability satisfactorily to pursue advanced study and research. A statement of the requirements for a major (consisting of thirty semester hours) is given following the list of courses in each department. Each student is expected to familiarize herself with that statement, and in case of doubt to make inquiries of the Committee on Graduate Study.

REQUIREMENTS FOR THE DEGREE OF MASTER OF ARTS

The course of study leading to the degree of Master of Arts must be planned under the direction of the department in which the degree is to be received. It may include six semester hours of related work in another department, provided the course is approved by the major department. A minimum of twenty-four semester hours of work in residence is required, of which at least twelve including the thesis must be of Grade V. With the approval of the departmental committee the other twelve hours may be in undergraduate courses or seminars (Grade III or IV), but not more than six hours of Grade III are permitted. If the student's undergraduate course did not include the required prerequisites she will, as a rule, need more than one year to complete the work for this degree.

Candidates for this degree must offer evidence, satisfactory to the department of their major, of a reading knowledge of at least one foreign language commonly used in that field.

A thesis, which may show the result of research or be a careful review of a special subject, is required of each candidate for this degree. In either type of thesis the student is expected to show some originality, some ability to select, integrate, and evaluate the material pertaining to her subject. Normally it counts for three or six semester hours. The thesis must be submitted to the department by the first of May, accepted by the department, and presented to the Committee on Graduate Study by May twentieth. Two typewritten copies of the thesis in final form must be presented to the Committee for deposit in the College Library.

It is expected that work for this degree will be continuous and will be done in residence. The thesis may be completed *in absentia* only by special permission of the department and of the Committee. All work must be completed within a period of seven years from the date of enrollment of the candidate.

REQUIREMENTS FOR THE DEGREE OF MASTER OF EDUCATION

The selection of candidates for this degree is based on academic aptitude, personality, and general fitness for teaching. The general requirements are similar to the requirements for the degree of Master of Arts, with the exception that practice teaching and course work are substituted for the thesis, and that the required courses may be distributed between education and the teaching field. Students must have had a major in their teaching field equivalent to the major in that field in Smith College; in case of a deficiency, courses must be taken in addition to the minimum subject matter requirement. Students must also have had certain prerequisites in education, preferably in History of Education, Philosophy or Principles of Education, and Educational Psychology.

Candidates for this degree will fall into groups, depending upon the type of teaching in which they wish to engage: (1) Secondary school teachers in the aca-

demic fields; (2) Teachers in nursery and elementary schools; (3) Teachers of physical education.

REQUIREMENTS FOR THE DEGREE OF MASTER OF SCIENCE IN PHYSICAL EDUCATION

This degree is planned for the student who is interested in entering the field of physical education after her college course. Those who qualify for the degree must have received a baccalaureate degree from a college or university of recognized standing, and have completed an undergraduate program similar to that required for the Bachelor's degree at Smith College, including the courses listed as prerequisites on page 133, and in addition courses in physical education and hygiene similar to those required for the Diploma for Teachers of Physical Education at Smith College or for the degree of Bachelor of Science in Physical Education at other colleges. The courses required for the Diploma may be taken in the first year of graduate study at Smith College. Candidates must show promise of ability satisfactorily to pursue advanced study and research. They must offer evidence satisfactory to the Department of a reading knowledge of at least one foreign language.

Students must complete with at least Graduate Credit thirty additional semester hours of work as described in the special pamphlet which may be procured from the Department of Physical Education. Ordinarily two years of full-time graduate study will be required for students with a major in a liberal arts field to complete the prerequisites and the requirements.

REQUIREMENTS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

The degree of Doctor of Philosophy is conferred in recognition of high scholarly attainments and of ability to carry on original research. Students will be accepted as candidates for this degree only if their graduate training includes work at other institutions or abroad, and if facilities for their research exist at Smith College or can be arranged elsewhere. This degree may not be granted to members of the Smith College Faculty above the rank of instructor. In addition candidates must satisfy the department of their major by graduate work done at Smith College that they have ability for independent advanced study and investigation. This acceptance comes not earlier than the end of the first year of graduate work and may, at the discretion of the Committee on Graduate Study, be on the basis of qualifying examinations.

The requirements for the degree are normally based upon the equivalent of three years of graduate work, of which at least one year must be in residence. The requirements include (1) the fulfillment of the language requirements imposed by the department, (2) the satisfactory completion of work in the major and minor fields, (3) the presentation of an acceptable dissertation, (4) the passing of preliminary examinations, and (5) a final examination. The program of a student shall be directed by a special committee consisting of three members of the Faculty. They shall be chosen so as to represent the fields of study in the student's program, shall be selected by the graduate committee of the department in consultation with the student, and shall be approved by the Committee on Graduate Study.

In general these requirements must be fulfilled in accordance with specific regulations. Further information may be obtained from the Committee on Graduate Study.

GENERAL REGULATIONS

Graduate students are expected to perform all required class exercises, including final examinations if given in a course. In courses of Grades IV and V they are graded as follows: Distinction, to be given rarely and then only in recognition of unusual excellence; Graduate Credit, defined as satisfactory for an advanced degree; Pass, defined as satisfactory for hours' credit but not for an advanced degree; Fail. In courses of Grade III or lower letter grades are used (see page 67).

Every student awarded a degree must have spent at least one full academic year, or the equivalent, in residence and study at Smith College as candidate for that degree.

Students receiving advanced degrees are expected to take their degrees in person at Commencement. Academic dress of the degree to be taken is worn; arrangements may be made through the graduate office. Degrees are seldom conferred *in absentia* and only with the permission of the Director of Graduate Study.

STUDENTS NOT CANDIDATES FOR AN ADVANCED DEGREE

College graduates who are not candidates for an advanced degree may, with the approval of the Committee on Graduate Study, take any of the courses regularly offered. These students are expected to conform to the standards of attendance and of scholarship that are required of candidates for degrees, including the taking of final examinations.

TEACHING FELLOWS

Teaching fellows normally carry half-time graduate work, *i.e.* six hours each semester, and obtain a Master's degree in two years. The stipend is \$700 for the first year, \$800 for the second year, and tuition. The department in which the appointment is made expects assistance for not more than twenty hours a week. Applicants should obtain application forms from the graduate office, but should then address their correspondence to the chairman of the department in which they are prepared to work. Before appointments are made the chairmen of the departments concerned present the credentials of the applicants for admission as graduate students to the Director of Graduate Study for approval.

FELLOWSHIPS AND SCHOLARSHIPS

Seven fellowships covering board, room, and tuition, and four tuition scholarships have been established by the Trustees of Smith College for the encouragement of advanced work in the various departments of study. They are open to graduates of Smith College and to women graduates of other colleges of good standing. It is understood that holders of these fellowships will be candidates for an advanced degree at Smith College. They may be asked to render some assistance (not instruction) in the college. They are not to undertake remunerative employment unless special permission is obtained from the Director of Graduate Study. Applications for these fellowships must be sent with the proper credentials by March 1 to the office of the Committee, College Hall 12b. Awards will be announced the first of April, and must be accepted on or before April fifteenth.

The College offers to students from abroad five fellowships which include tuition, residence, board, and a cash stipend of \$100. The fellowships and scholarships offered by the Department of Education and Child Study are also open to these students. At present the College is able to award five additional fellowships,

preferably to Latin-American students. These fellowships include tuition, residence, board, and a cash stipend of \$200. All stipends are payable in two installments. Candidates should apply, if possible as early as November, to the Chairman of the Committee on the Exchange of Students with Foreign Countries, College Hall 13, Northampton, Massachusetts, for application forms and particulars of required credentials, and all applications should reach her not later than February 20.

The Department of Education and Child Study offers two fellowships of \$500 each and tuition, and three scholarships covering tuition to college graduates who wish to prepare themselves for specialized work in education. In making the appointments the academic records, personal characteristics, general adaptability, and professional experience of the candidate will be considered. Applications should be made on or before March 1, addressed to Mr. Richard B. Ballou, chairman of the Department.

Four tuition scholarships are available to students in the Department of Physical Education. Applications should be made before March 1 to Miss Dorothy S. Ainsworth, chairman of that Department.

The Alumnae Association Fellowship fund of \$25,525 provides two fellowships of \$600 each, offered to members of the graduating class who are selected by the Committee on Graduate Study. The holders may study at Smith College or at some other approved institution.

The Smith Students' Aid Society offers annually two fellowships of \$700 each for graduate study. These fellowships are open to members of the graduating class and to alumnae of not more than two years' standing. Application should be made before February 15 to Mrs. Elizabeth S. Hobbs, Williamsburg.

The Marjorie H. Nicolson Fellowship of \$1000 was established in 1934 by the Trustees, to be awarded by the Committee on Graduate Study for advanced study either at Smith College or at some other institution. This sum may be divided at the discretion of the Committee.

The Fanny Bullock Workman Scholarship fund of \$30,000, the income (about \$900) to be used annually for assisting one or two graduate students.

The Jean Fine Spahr Fellowship fund for the endowment of a graduate fellowship or fellowships, the income (about \$400) to be awarded to graduates of Smith College for study at approved universities in the United States or abroad.

The Sarah Watkins Wilder and Sarah Wheaton Whipple Fellowship for Graduate Study in Zoology has been established as a fellowship for study at Smith College, or for Smith College graduates or teachers in the Zoology Department of Smith College for study in other institutions.

The Harriet Boyd Hawes Scholarship fund was established by the class of 1892 at its thirtieth reunion and has been increased to \$6400. The income (about \$300) is used for a scholarship at Smith College or, in the case of graduates or those who have been graduate students or members of the Faculty of Smith College, for study elsewhere in this country or abroad. If used at Smith College the scholarship carries with it the remission of tuition fees.

The Agnes Hunt Memorial fund of \$1000 has been founded by Mr. Nathan P. Hunt, the income to be used to aid any graduate student in the college pursuing advanced work in history.

Research fellowships are granted for work in various science departments as funds from Foundations are made available.

The Sophia Smith Honorary Fellowships without stipend have been established by the Trustees, to be awarded to students of fellowship standing who do not require financial aid.

The College is one of the institutions co-operating in the support of the American Schools of Classical Studies in Athens and Rome. The reports of these schools are sent regularly to the College, and graduates will be welcomed to all the privileges which the schools offer.

The sum of \$100 annually is contributed by the College toward the maintenance of the American School of Oriental Research in Jerusalem. Any Smith College graduate may enjoy the privileges of the school.

FEES

The charge for tuition for graduate students taking full-time work is \$300 a year. For those taking only partial work a special rate is arranged, based upon semester hours of credit. College graduates engaged in professional work in or near Northampton may take partial work at special rates. For particulars they should consult the Director of Graduate Study.

The fee for the diploma for the Master's degree is \$10, for the Doctor's degree, \$25.

RESIDENCE

General information will be found on pages 41 and 42. Further information in regard to room and board may be obtained from the Warden.

The cost of residence in college houses is \$650 for the college year. Fort Hill House is the center of the social life for graduate students. Three other small dormitories are assigned to the graduate group. Holders of fellowships are required to live in one of these houses except by special arrangement with the Warden or the Director of Graduate Study. Other students, who desire, may arrange to live outside college houses, but their places of residence must have the approval of the Warden.

No college room may be engaged for a shorter time than one year.

HEALTH

Graduate students entering Smith College are requested to send with their credentials a detailed statement from a physician showing their physical condition. Blanks for this purpose will be sent by the secretary of the Committee, and on return will be filed with the College Physician to be used for reference in case of illness of the students. Transcripts of official college health service records are satisfactory if the record has been made within a year. Students may be requested to present themselves to the College Physician for examination soon after their arrival.

Graduate students, who are taking full-time work and are living in college dormitories, and fellows may be cared for in the Infirmary with routine nursing care for one week without charge, but only three free days may be used for any one disability. These students may participate in a voluntary health insurance plan arranged by the College with a reputable insurance company. The Infirmary may also be used for rest and recuperation as needed.

ATHLETICS

Graduate students may arrange with the Department of Physical Education for the use of the gymnasium, swimming pool, and athletic fields.

SMITH COLLEGE SCHOOL FOR SOCIAL WORK

OFFICERS OF ADMINISTRATION AND INSTRUCTION

FLORENCE ROBERTS DAY, M.S.C. (SOC. ADMIN.), Director	Social Case Work
EVERETT KIMBALL, PH.D., Director Emeritus	
ANNETTE GARRETT, A.M., M.S.S., Associate Director and Supervisor of Field Work	Social Case Work
HELEN LELAND WITMER, PH.D., Supervisor of Social Research	
ESTHER H. CLEMENCE, M.S.S., Assistant Supervisor of Field Work	Social Case Work
SOPHIA M. ROBISON, PH.D., Assistant Supervisor of Social Research	Social Case Work
SOPHIE T. CAMBRIA, A.M., Assistant Supervisor of Social Research	
ELIZABETH B. CLARK, S.B., Administrative Assistant and Registrar	
HELEN P. LOTRECK, Secretarial Assistant	
RACHEL A. MAGOON, Secretarial Assistant	

SAUL BERNSTEIN, M.S.	Group Work
EVELINE M. BURNS, PH.D.	Economics
FELIX DEUTSCH, M.D.	Psychiatry
FRANK J. HERTEL, M.S.C. (SOC. ADMIN.)	Administration
LEWIS B. HILL, M.D.	Psychiatry
MARY E. HURLBUTT, A.M.	Cultural Studies
SARA H. JAMES, A.B.	Public Welfare
ADELAIDE M. JOHNSON, PH.D., M.D.	Child Psychiatry
JOHN C. LEONARD, M.D.	Medicine
GEORGE E. LODGEN, A.B., LL.B.	Law
EARL N. PARKER	Community Organization
ELIZABETH P. RICE, M.S.	Social Aspects of Medicine
MARJORIE J. SMITH, A.M.	Social Welfare
ROBERT A. YOUNG, ED.D.	Psychiatry and Clinical Psychology

SPECIAL LECTURERS

LYDIA G. DAWES, M.D.
CLAIRE C. MANWELL, M.D.
PAUL PHELPS, M.D.

ADVISORY MEMBERS

HERBERT DAVIS, M.A., LL.D.
LUCILLE N. AUSTIN, A.B.
ELEANOR COCKERILL, M.S.S.
FLORENCE HOLLIS, M.S.S.
FREDERIKA NEUMANN, M.S.S.

LECTURERS, SUMMER SESSION, 1946

Herschel Alt, Executive Director, Jewish Board of Guardians, New York
Joseph P. Anderson, Executive Secretary, American Association of Social Workers,
New York

Eveline M. Burns, Faculty Member, New York School of Social Work
Eleanor G. Coit, Director, American Labor Education Service, New York
Dr George E. Gardner, Director, Judge Baker Guidance Center, Boston
Dr Lewis B. Hill, Psychoanalyst, Baltimore, Md.

John Ihlder, Executive Officer, National Capital Housing Authority, Washington,
D. C.

Dr Adelaide M. Johnson, Staff Member, Institute for Psychoanalysis, Chicago
Dr John M. Murray, Psychoanalyst, Boston

AGENCIES CO-OPERATING DURING THE WINTER SESSION, 1946-47

Boston Psychopathic Hospital, Boston

Bureau of Child Guidance, New York

Central Clinic, Cincinnati, O.

Children's Center, Roxbury

Community Service Society, New York

Eloise Hospital and Consultation Center, Eloise and Detroit, Mich.

Essex County Mental Hygiene Clinics, Cedar Grove, N. J.

Family and Children's Service, Minneapolis, Minn.

Family and Children's Society, Baltimore, Md.

Family Service, Cincinnati, O.

Family Service, Milwaukee, Wis.

Family Service of Montgomery County, Dayton, O.

Family Service, Omaha, Neb.

Family Service Association, Cleveland, O.

Family Service Association, Washington, D. C.

Family Service Society, Hartford, Ct.

Family Society, Boston

Family Society, New Haven, Ct.

Family Society, Philadelphia, Pa.

Family Welfare Association, Scranton, Pa.

Family Welfare Association, Springfield

Guidance Institute of Berks County, Reading, Pa.

Habit Clinic for Child Guidance, Boston

Hartley-Salmon Clinic, Inc., Hartford, Ct.

Institute for Juvenile Research, Chicago

Jewish Board of Guardians, New York

Jewish Family Service Bureau, Cincinnati, O.

Judge Baker Guidance Center, Boston

Massachusetts General Hospital, Boston

Northern New Jersey Mental Hygiene Clinics, Greystone Park, N. J.

Pittsburgh Child Guidance Center, Pittsburgh, Pa.

Providence Child Guidance Clinic, Providence, R. I.

Rockland State Hospital, Orangeburg, N. Y.

St Christopher's School, Dobbs Ferry, N. Y.

United Charities, Chicago

ORGANIZATION OF THE SCHOOL

The Smith College School for Social Work was organized in 1918 as a graduate school in which to prepare psychiatric social workers for the war emergency which seemed impending. During 1918 and 1919 an intensive course of theory and a period of supervised practice were given to those who were graduated. These at once found their places in hospitals and social agencies. It was soon recognized that an approach to problems of social maladjustment through an understanding of the personalities involved was valid for every form of social case work. The Smith School therefore continued after the war emergency as a graduate professional school of social work and became a charter member of the American Association of Schools of Social Work.

The first decade of the growth of the School corresponded to the period when the mental hygiene movement was enlarging its scope to include not only the better care of cases of mental illness and mental defect, but prevention of delinquency and the development of child guidance clinics. Psychiatric social workers were eagerly sought for the case work staffs of hospitals and community clinics and to carry preventive mental hygiene into courts, schools, and the public services. Social case work is a professional service which requires scientific knowledge and disciplined skill. Competent practice calls for the exercise of judgment and discretion.

EDUCATIONAL PLAN

The educational plan of the Smith College School for Social Work is based on the premise that there is a basic core of knowledge and skill in social work which transcends the specializations. The educational program is so planned as to offer sound orientation in the broad aspects of social work and the development of professional competence in the practice of social case work. Graduates are prepared to hold case work positions in a wide variety of private and public agencies and to advance to supervisory and administrative responsibilities.

CLASSROOM INSTRUCTION

Academic study is designed to provide such knowledge from the disciplines of medicine, psychiatry, psychology, law, and the social sciences as is required for the practice of social work. The courses in the methods of social case work integrate this factual knowledge and develop the principles and skills inherent in practice. Other courses in the broad field of social work cover theory and method in such areas as public welfare, child welfare, group work, administration, and community organization. Basic considerations in carrying on research in social case work are reviewed in a course that serves as an introduction for individual work on a thesis.

In order to carry out this educational policy the curriculum consists of a relatively few units of instruction covering basic areas rather than being broken up into many elective courses. For example, the basic course in public welfare aims to develop a sound comprehension of the scope and objectives of the field and to give a working knowledge of the varied individual programs on the federal, state, and local levels as they operate to meet the total needs of individuals. In the same way the case work courses demonstrate the application of case work principles in family case work, child welfare, psychiatric social work, and medical social work.

Courses offered in any one term are planned as a sequence and to achieve a total integration. Emphasis is placed on the discussion rather than the lecture method of teaching in the endeavor to train for independent and resourceful thinking. The educational process is strengthened by the fact that all the students live together on the campus of Smith College during the summer session and thereby are encouraged in continuous group thinking, mutual criticism, and discussion of the problems in the field of social work.

FIELD INSTRUCTION

Field work is an integral part of the curriculum, and academic credit is given for it. Students are assigned to agencies in small groups for a long and continuous practice period. This enables the student to become a participating member of the agency and community, and furthers the development of a professional attitude and point of view. Responsible participation under guidance during the field work gives opportunity to develop competence and self-reliance in case work practice.

Carefully selected and supervised reading is assigned to supplement and enrich the practice period in the field. In addition to individual instruction each agency is asked to offer a weekly seminar throughout the winter.

During the field work period thesis subjects are selected and worked on under the guidance of members of the School faculty. The preparation of a thesis is regarded as part of a student's training for a profession that looks to research for advancement of its theory and practice.

Continuous supervision from the School is maintained throughout the field work period by regular visits of faculty.

CURRICULUM

PLAN A

The School presents a program of three summer sessions in academic study on the Smith campus and two winter sessions in field work in agencies selected by and responsible to the School for the educational work. This program is designed for students without previous experience or training in social work.

PLAN B

This program covers two summer sessions of academic study at the School and an intervening nine-month winter session in field work. It is designed for students who have had adequate graduate preparation or satisfactory experience in an approved case work agency, and these students enter the course at Session III. Experience in allied fields may, in exceptional cases, be judged by the Committee on Admission as an equivalent.

PLAN C

Persons may enroll for a single summer session and may be assigned to courses in Session I or III, depending upon their previous preparation and experience. Full credit will be given toward the degree provided the student is accepted for readmission to complete the course within a period of two years. Students electing courses not prescribed for Session I or III will not be eligible for Session II or IV, respectively, upon reapplication.

The School *Catalogue* giving full details for the coming year will be sent upon request.

CONDITIONS OF ADMISSION

The Smith College School for Social Work is open to women* graduates of approved colleges who have completed at least twenty semester hours in the social and biological sciences. Inquiries and applications for admission should be addressed to the Director, Smith College School for Social Work, Northampton.

SEMINARS

The School offers a series of seminars of two weeks each open to experienced social workers, and limited to twenty-five members. The seminars are conducted on the discussion method by the leaders four hours each morning for five days a week.

The fee for each seminar is \$75. A \$10 registration fee payable within one week of acceptance of the application is required in order to reserve a place. This fee will be applied to the charges of the seminar, but is not refunded in case the applicant does not attend.

DEGREES

The Trustees of Smith College, on the recommendation of the staff, grant the degree of Master of Social Science (M.S.S.) on the following conditions: (a) Completion of the period of residence, namely, a minimum of five quarters of full-time work. (b) Satisfactory completion of the courses required, unless exempted by examination when advanced work may be substituted. (c) Satisfactory completion of a thesis.

EXPENSES

Since the number of students that can be admitted is limited, a registration fee of \$10 payable within one week of acceptance of the application is required in order to reserve a place in the School. This fee is not refunded in case the applicant does not attend.

The fee for each summer session is \$305, computed as follows: tuition \$150, room and board \$150, activities \$5.

For each winter session the fee is \$125.

During the periods of field work the students are personally responsible for their own maintenance and may not accept salaried positions.

Students should estimate between \$15 and \$25 for books for each session, and students in the last session from \$30 to \$50 for the typing of at least three copies of their theses.

SCHOLARSHIPS

Scholarship aid is available during the winter sessions. No award is made for the first session. Certain state hospitals offer internships which cover all living expenses of the students who are assigned to them for their field experience; other agencies grant a number of \$600 scholarships. A few larger scholarships are provided by agencies for students who will agree to accept employment after graduation. All applications should be made to the Director before April 1, 1947.

* Special arrangements will be made to admit men for study. The Charter of Smith College does not permit the conferring of a degree, but a transcript will be provided for work satisfactorily completed.

CALENDAR 1947-49

First Session	June to September, 1947
Second Session	September, 1947, to June, 1948
Third Session	June to September, 1948
Fourth Session	September, 1948, to June, 1949
Fifth Session	June to September, 1949

COURSES OF INSTRUCTION

PLAN A, SESSION I

PLAN B, SESSION III

110. The Field of Social Work. A course given by visiting lecturers who represent important social movements and activities.
120. Social Case Work I. A course which develops principles fundamental in the practice of social case work through discussion of case material from the several case work fields.
121. Social Case Work II. Continuation of 120.
130. Medical Information. The causes, symptoms, transmission, and theory of treatment of diseases; communicable diseases and their control. The function of the social worker in health problems.
140. Group Work. Basic course designed to give an understanding of the social implications and meaning of social process in group interaction as it is pertinent to professional activities in social work.
141. The Cultural Approach in Social Work. A course concerned with cultural heritage and milieu as potent forces to be understood and utilized in social work.
150. The Psychological Development of the Normal Child. The emotional and social development of the child from birth through adolescence, with emphasis on the methods of measuring and evaluating intellectual growth and the clinical significance of mental measurements.
151. Preclinical Psychopathology. History, viewpoints, principles, and content of psychopathology.
- 151a. Clinical Psychopathology. Demonstrations of neurotics and psychotics at the Northampton State Hospital.
1550. Dynamics of Human Behavior. Emotional and environmental factors in the development of personality trends in childhood and adult life.
160. Organization of Social Welfare Services. An orientation to existing social welfare activities, presenting historically the growth of social agencies and the formulation of programs as they have developed in response to individual and community need.
161. Public Welfare Services. The responsibilities and interrelations of federal, state, and local governments in meeting social needs. Special attention will be given to the public assistance provisions and their relation to the social insurances.

370. Introduction to Social Research Methods. Basic concepts and principles of scientific methodology and their implications for research in the field of social case work.

PLAN A, SESSION II

220. Field Experience in Social Case Work.

221. Readings in Case Work, Psychiatry, Medicine, and Social Welfare.

PLAN B, SESSION IV

420. Field Experience in Social Case Work.

421. Readings in Case Work, Psychiatry, Medicine, and Social Welfare.

470. Thesis.

PLAN A, SESSIONS III, IV, V

To be announced.

PLAN B, SESSION V

To be announced.

GRADUATE SEMINARS

91. Case Work with the Child and His Family. Psychological Aspects of Child Development. Dr Johnson. Advanced Case Work. Mrs Austin.
92. The Psychosomatic Concept. Its Use in Medicine. Dr Deutsch. Its Use in Social Case Work. Miss Cockerill.
93. Supervisory Method in Social Case Work. Mrs Austin.

HONORS AND DEGREES

AWARDED IN 1945-46

FIRST GROUP SCHOLARS

SOPHIA SMITH SCHOLARS

DWIGHT W. MORROW SCHOLARS

NEILSON SCHOLARS

WILLIAM A. NEILSON SCHOLAR

1947

Christine Louise Petrone
Ann Willcox (Seidman)
Katharine Bowne Fox
Allison Butler
Jacqueline Ruth Green
Elizabeth Carrington Greene
Frances Ann Jahrling
Dannie Bea James
Margaret Blair Shumaker
Helen Edna Poterala
Sylvia Cabot Pigors
Paula Rose Scholder
Mary Goode Brooke
Caroline Roesel Garabedian
Susan Rita Katz
Ruth-Leona Benjamin
Margaret Bartholomew Jobson
Eleanor Mustin Lehman

Helen Mae Marcus
Mabeth Manly Perrins
Frances Cecilia Tracey
Anita Robbins Arwine
Mary Edith Barraclough
Bonnie Bevan (Epstein)
Joyce Dolores Bousley
Marjorie Anne Davies
Mary Elizabeth Dickason
Dorothy Lucille Farley
Jeanne Audrey Frank
Irmgard Gabriele Furth
Louise Homer
Elizabeth King
Margaret Randolph Merrick
Anne Frances Richardson
Constance Bragdon Sawyer
Mary Elizabeth Davis Simmons

1948

Jean Gardiner Chisholm
Sylvia Henderson
Harriet Ballinger Johnston
Joanne Elisabeth King
Barbara Lane

Katherine Slawik Lobach
Roberta Ruth Lounsbury
Betty Jane Morrison
Nesta Frances Rubidge
Marie Therese Thompson

1949

Rhoda Mary Dorsey
Carol Rita Newton
Elizabeth Manby Starck
Rosamond Gale Tryon
Anne Lavinia Jenks

Joan Lorelei Auer
Eleanor Louise Matsis
Adlyn Anne Shannon
Anne Elizabeth Wallace
Natalie Ann Zemon

NATIONAL SCHOLARS

CLASS OF 1950

Anna Maria Herbert, Kansas City, Mo.
Phyllis Glahn Waldorf, Portland, Ore.

DEAN'S LIST

CLASS OF 1946

Jean Adams	Irène Czernichew-Besobrasow
Kyle Adams	Patricia Dailey
Patricia S. Albright	Zulime Whitney Diehl
Frances Alexander	Susan Driver (Doucett)
Margaret Glenn Allison	Jane Bosworth Eddy
Shirley Jayne Ames	Frances House Eells
Helen Spackman Ayers	Ruth Elyachar
Carolmae Baehr	Marion Jane Enggas
Janice Bail	Mary Chase English
Barbara Carrington Baker	Sibilla Louise Ernst
Edwine Updike Baker	Elizabeth Be Van Ess
Beverly Balch	Ruth Anne Evans
Frances McMurtrie Barber	Eleanor Ann Fair
Agnes Jean Barker	Anne Shepard Farnsworth
Lila Hester Barrows	Barbara Ann Feinn
Florence Elizabeth Baumbach	Margaret Fenn
Nancy McGhee Baxter	Anne Clark Ford
Betty Elaine Beckanstin	Jean Foulkes
Charlotte Lee Benjamin	Patricia Freeman
Barbara Mae Billings	Ann Hobbet Ganong
Margret Carolyn Booth	Jessie Wood Gare
Jeanne McClellan Bowersox	Dorothy Gates
Elisabeth Bowker	Virginia Hunter Gault
Kathleen Brand	Judith Whitmore Gaylor
Sylvia Breed	Cora Lee Gethman
Jacqueline Prentice Brimmer	Alys Josephine Gillett
Agnes Elizabeth Broadfoot	Ruth Welles Gillies
Barbara Elizabeth Brown	Virginia Walton Glenn
Barbara Bruning	June Lyon Goldthwait
Nancy Maud Buell	Zelda Gordon
Helen Beatrice Bullock	Marjorie Birney Grantz
Louise Kellam Burpee	Katharine Curtis Greene
Dorothy Ross Bush	Antoinette Madeleine Gutmann
Patricia Maude Busler	Helen Byrne Hackett
Cynthia Ann Button	Renee Kathryn Haenel
Leila Estelle Cable	Mary Allen Haggett
Drusilla Edith Cardinal	Barbara Hale (Adams)
Marion Inez Cashman	Mary Elizabeth Harnden
Emily Churchill	Fanny Harris
Irene Margaret Cooney	Dorothy Rice Hill
Constance Coughlin	Jane Amelia Holtby

Jean Helen Holthausen	Annette Roberts
Sylvia Hopkins	Priscilla Robertson
Harriet Eells House	Phyllis Audrey Robins
Maxine Ethel Hurwitz	Gertrude Estelle Roehrig
Deborah Hutchison	Sabra Julia Rogers
Barbara Allen Illingworth	Ann Rosenthal
Mary Frances Johnson (Furlong)	Janet Ross
Joy Gregory Keeler	Phyllis Josephine Rozycki
Alice Stetson Kelley	Marie Jeannette Ruge
Martha Jean Kennedy	Helen Sanger
Helen George Kingsley	Grace Elizabeth Sauer
Jane Mallory Kirk	Anne Elizabeth Schacht
Susan Lackner	Frances Louise Scheffer
Hannah Lawrence	Francine Sharon Schoenholtz
Joan Lenderking	Catherine Anne Sellers (Angle)
Marion Hélène Lesher	Corinne Joyce Shapira
Lois Janet Lichenstein	Lucia Hosmer Sharp
Eleanor Ferree Lightner	Eileen Elinor-Ruth Shatz
Mary-Brooks Linton	Madeline Sherman
Elizabeth Storrs Littell	Dorothy Jane Smith (Galbraith)
Phyllis Negley Loose	Rochelle Sokol (Charles)
Jean McConnell	Anne Sparks
Dorothy Jane Mahoney (Hall)	Susanne Stephanie Steinem
Nancy Diana Mann	Carol Stokes
Virginia Marshall	Denise Elisabeth Sutter
Mary Elizabeth Marty	Barbara Ann Taylor
Catherine Louise Meisner	Rosalie Allen Taylor
Marilyn Susan Meyer	Helene Valeska Thoman
Virginia French Middleton	Mary Tiedeman
Louise Anne Moore	Sue Timberlake
Jean Marie Murphy	Alberta Robbins Tropp
Carroll Normile O'Brien	Rosemary Howard Turner
Mary Putnam Oliver	Jane Frey Utiger
Elizabeth Byrd Owen	Frances Joan Vitali
Marian Wilmotine Owens	Ann Palmer Vroman
Virginia Sanborne Packard	Eleanor Bicknell Watt
Joan Pennywitt	Ann Welch
Jean Elizabeth Peterson	Lucy Welles
Constance Earl Phillips	Susan Sheffield West
Margaret Joy Pickard	Joan Stevens Wilson
Alice Mary Pierce	Gertrude Valerie Wolfner (Woolner)
Jean Pierson	Claire Roslyn Wollison
Madeleine Mabel Pohlmann	Ruth Louise Wood (Gold)
Katharine Powell	Elizabeth Woodworth
Patricia Prescott	Ann Sartwell Worden
Joanne Duff Preston	Anne Bacon Worden
Barbara Jean Ralston	Hope Maria Woronock (Cramer)
Jean Hancock Riley	Pauline Anne Worrilow

CLASS OF 1947 (ACCELERATED)

Shirley Jane Ascher
 Marion Morgan Cooke
 Janet Lunan Cumming

Barbara Elaine Davis
 Joan Elizabeth Geraldine Fisher
 Ann Kimberly Hunneman
 Lois Sheila Shanker

CLASS OF 1947

Ruth Conant Anderson
 Eve Inge Arons
 Anita Robbins Arwine
 Jane Shepherd Askin
 Annice Leonora Auerbach
 Alice Badger
 Mary Edith Barracough
 Jean Marie Barth
 Ruth-Leona Benjamin
 Bonnie Bevan (Epstein)
 Catharine Wheeler Bevin
 Janette Elizabeth Birge
 Barbara Bloch
 Marjorie Louise Bonstein
 Joan Frances Borgenicht (Cohn)
 Joyce Dolores Bousley
 Irene Bowen
 Marian Frances Brackett
 Mary Goode Brooke
 Clara Belle Brown
 Nancy Acheson Browne
 Allison Butler
 Barbara Suzanne Caldwell
 Cynthia Carpenter
 Bernardine Smith Cate
 Katharine Wilson Cate
 Ruth Leone Chier
 Joyce Lillian Clark (Carpenter)
 Vida Dale Clarke
 Jeanne Pickands Comey
 Janet Littlefield Cooley
 Joyce Ellen Cooley
 Jane Lynn Cunningham
 Marjorie Anne Davies
 Anne De Prez
 Emmy-Lou De Veau
 Mary Elizabeth Dickason
 Ruth Marian Drisko
 Marion Ejgier (Olds)
 Dorothy Lucille Farley
 Charlotte Althea Fassen
 Priscilla Fenn

Ann Maxwell Field
 Marilyn Finkbone
 Helen Virginia Fischer
 Suzanne Morris Fischer
 Elaine Laura Flickinger
 Katharine Bowne Fox
 Jeanne Audrey Frank
 Irmgard Gabriele Furth
 Anne Gallagher
 Caroline Roesel Garabedian
 Rosalie Garber
 Lucile Gardner
 Ida Elisa Ghiron
 Ethelind Roberta Giles
 Mary Jane Gips
 Jacqueline Elaine Goldman
 Ann Goodeve
 Mary Elizabeth Gowen
 Jacqueline Ruth Green
 Elizabeth Carrington Greene
 Jane May Griesemer
 Marjorie Grove
 Anne Cuthbert Hall
 Nancy Hall
 Phyllis Anne Hamilton
 Barbara Watkins Hartmann
 Elisabeth Flora Hertz
 Donna Lorraine Hilleboe
 Ruth Joy Hofman
 Louise Homer
 Jacqueline Anne Hope
 Iris Horowitz
 Miriam Alice Howley
 Carol Joan Hunter
 Josephine Mathilde Huse
 Ellen Jackson
 Joan Ruth Jacobstein
 Sally Josephine Jadwin
 Frances Ann Jahrling
 Dannie Bea James
 Martha Bartholomew Jobson
 Ann Doak Journeyay

Susan Rita Katz
 Jean Allen Kemble
 Margaret Alison Kemp
 Charlotte Hollister Kimball
 Elizabeth King
 Jane Corlett King
 Joyce Sinclair Kinsey
 Virginia Allen La Marche
 Judith Alisah Lauterbach
 Eleanor Mustin Lehman
 Joan Ruth Leiman
 Mary Elizabeth Lent
 Ethelwyn Patricia Lindsey
 Shirley Fay Lipton
 Eleanor Faith Lisimansky
 Jean Liss
 Susan Jane Lowry
 Ellen-Jane Lyon
 Sally Simpson McDevitt
 Ruth Violetta McDougald
 Nancy Frances McGovern
 Mary Elizabeth McIntosh
 Frances-Jana Mackay
 Hilton McLain
 Margaret Fairlie McLaughlin
 Sarah Ellen Marchel
 Helen Mae Marcus
 Rosamond Anne Martin
 Lucile Gertrude Mason
 Margaret Randolph Merrick
 Peggy Ellin Newburger
 Anne Gilmore Norris
 Joyce Nutting
 Marian Olander
 Mary Agnes Wilson Osborne
 Alice Stuart Parker
 Polly Gaylord Parsons
 Marguerite Peet
 Mabeth Manly Perrins
 Jean Lockton Perry
 Christine Louise Petrone
 Ruth Shepard Phelps
 Mary Jane Phillips
 Sylvia Cabot Pigors

Helen Edna Poterala
 Helen Janet Powers
 Katherine Lee Reese
 Shirley Irene Reeser
 Anne Frances Richardson
 Monica Riley
 Jean Stryker Rohrbach
 Jane Camilla Roman
 Marcia Belle Rossett
 Dorothy Frances Rowell
 Jean Anne Rustici
 Joan Sanderson
 Constance Bragdon Sawyer
 Davida Fagel Schatz (Schwartz)
 Helen Elizabeth Schofield
 Paula Rose Scholder
 Nancy Fernald Shaw
 Margaret Blair Shumaker
 Margaret McDonald Shute
 Mary Elizabeth Davis Simmons
 Mary Neal Sisk
 Patricia Ann Sloan
 Eleanor Hope Smith
 Viola June Spinelli
 Lois Sternlieb
 Matilda Clark Talbert
 Phoebe Agnes Taylor
 Florence Elizabeth Thompson
 Nelle Tiedeman
 Barbara Frantz Tomb
 Frances Cecilia Tracey
 Polly Anne Trafford
 Eleanor Marjorie Tressler
 Maria Hall Vezin (Gregory)
 Consuelo Von Scheid
 Alice Dean Walker
 Janet Elizabeth Washburn
 Margaret Howard Ridgely Whitham
 Margaret Jean Falconer Whitsey
 Ann Rogers Wilcox
 Ann Willcox (Seidman)
 Mary Frances Williams
 Mary Wadsworth Wood
 Shirley Ann Young

Barbara Ann Zeller

CLASS OF 1948

Barbara Jean Antel
 Elizabeth Francis Aub
 Alice Bach

Cecilia Anne Badger
 Elizabeth Graham Baker
 Nancy Baldwin

- Elizabeth Anne Ballentine
Leah Kean Barach
Rebecca Coulter Barclay
Joyce Aileen Barrar
Elizabeth Barrows
Barbara Ann Beatty
Dorothy Olga Berude
Martha Harrison Bixler
Janet Blum
Marjorie Ruth Boselly
Jean Bowen
Priscilla Audrey Brooks
Beatrice Brown
Sally Patricia Brudno
Isabelle Phyllis Budnitz
Anne Buland
Patricia Parks Butterfield
Jacqueline Willard Calvin
Nancy Alice Cameron
Deborah Davidson Carpenter
Constance Moyle Carstens
Shirley Louise Chamberlain
Jean Gardiner Chisholm
Grace Phillips Christopherson
Catherine Ann Cline
Margery Moore Cobb
Mary Elinor Coffey
Pamela Crane
Glorianne Crowne
Janet Van Hise Davidson
Elaine Lynn Davies
Margaret De Vane
Grace Elizabeth Dickinson
Suzanne Peters Duboc
Cherry Fabe
Diane Foster
Amelia Maxwell Fuller
Gail Goodrich
Nancy Green
Harriet Hall
Helen Merris Hall
Eugenie Florence Hamilton
Janet Clark Hamilton
Hope Suzanne Handler
Carlene Jane Hartenstein
Janet Dickson Hartwell
Cynthia Jean Haws
Elizabeth Dexter Hay
Sylvia Henderson
Hildamarie Hendricks
Marilyn Joyce Heyman
Barbara Ann Hill
Hermione Woodruff Hillman
Irene Copeland Hixon
Elizabeth Crawford Howard
Suzanne Ingraham
Anita Magee Iribé
Eva Frances Camac Isitt
Harriet Ballinger Johnston
Jane Jolliffe
Julia Jolliffe
Sandra Ruth Kahn
Joanne Elisabeth King
Margaret Knight
Gretchen Ruth Knoblauch
Florence Sylvia Kossoff
Mary Stuart Kreimer
Elizabeth Mary Kridl
Irma Helene Kriger
Louise Goodwin Lacy
Jo Ann Lampe
Barbara Lane
Mary Ellen Rising Leggett
Alice Williams Lewis
Gladys Merle Liman
Francine Marian Liner
Katherine Slawik Lobach
Joan Mary Loftus
Roberta Ruth Lounsbury
Louise Campbell McElroy
Lorraine Haynes McFarland
Anne Macfarlane
Consuelo Claire Meloy
Rosa Mencher
Sylvia Mendenhall
Mary Gamble Meriwether
Betty Jane Morrison
Jean Marie Murphy
Phyllis Lois Newman
Mary-Alice O'Neil
Mary Ruth Parrish
Anne Harris Paul
Francine Sue Petacque
Rita Rainsford
Patricia Ruth Robertson
Mary Elizabeth Robinson
Esther Joan Rogers
Loïs Hélène Rogers
Phyllis Ann Rooney
Janet Roper

Nesta Frances Rubidge	Marie Therese Thompson
Barbara Ann Rudolph	Joanne Thomson
Elizabeth Ann Runels	Mary Adelaide Thorn
Lois St John	Mary Marjorie Turk
Deborah Harriet Schupper	Eugenie Crosby Tyler
Eunice Standish Scott	Diana Dean Warren
Dorothy Brooks Simpson	Florence Hey Warrington
Nadine Genet Smith	Helene Andrée Whitton
Elizabeth Louise Specht	Beverly Noel Williams
Susan Marian Spencer	Nancy Hope Williams
Sally Hope Staier	Carroll Winslow
Anne Straw	Joel Ruth Wise
Janet Marjorie Strothman	Sally Prescott Witt
Ruth Tapley	Frances Babcock Woods
Peggy Shevell Tenenbaum	Elinor Wulfkuhler
Mary Sue Young	

FRESHMAN HONOR LIST

CLASS OF 1949

Margaret Lucy Andrus	Sarah Wistar Morton Frantz
Joan Lorelei Auer	Joan Stuart Frayn
Judith Elma Balise	Anne Katherine Frisby
Barbara Bates	Susan Todd Gabriel
Ruth Helen Bernstein	Lois Katherine Green
Leigh Berrien	Jean Collins Harris
Lucy Landon Black	Margaret Neale Heard
Joan Blumenthal	Anne Schneider Henderson
Janet Anita Brown	Joan Hotchkis
Vilma Elise Bungenstab	Barbara Josephine Hunter
Vernon Burrows	Joan Betty Jacober
Anna Ella Bush	Anne Lavinia Jenks
Marietta Lou Case	Joanne Tudhope Johnson
Page Chapman	Dorothy Franklyn Jones
Eleanor White Collins	Valerie Young Knowlton
Melisande Congdon	Nancy Harrison Kuhn
Helen Elizabeth Conners	Olive Virginia La Guardia
Jolita Ann Coughlin	Barbara Hazard Leavell
Lorna Cuneo	Lois Carol Leggett
Elizabeth Jean Cunningham	Charlene Marie Leonard
Beverly Ann Denkert	Joan Ruth Levine
Doris Angela Doebler	Joanne Lloyd-Jones
Rhoda Mary Dorsey	Steffi Ruth Loewenstein
Jean Taylor Elmer	Ann Lukach
Margaret Jean Exley	Frances Fort Lyndon
Pamela Joyce Faulkner	Eleanor Louise Matsis
Betsy Gray Ferguson	Frances Ravenel Menefee
Carol Betsy Filler	Mary-Clare Milligan
Betty Joyce Fischler	Judith Laura Mogil
Joan Fletcher	Marian Emilie Molthan

Sylvia Field Morse
 Margaret Trowbridge Murray
 Carol Rita Newton
 Genevieve Nichols
 Nancy Sylvia Nore
 Priscilla Mary Nye
 Flavia Domitilla Pediconi
 Kathryn Virginia Reed
 Dorothy Reich
 Ruth Elizabeth Rex
 Eileen Patricia Rooney
 Geraldine Edna Roth
 Jean Morrison Ruffin
 Alice Ann Scott
 Adlyn Anne Shannon
 Mary Ellen Shannon
 Beverlee Muriel Shapiro
 Jane Louise Shirley
 Sylvia Wheeler Short
 Alice Mary Fairbank Smith
 Hope Prior Smith

Jo Ann Smith
 Hannah Spitzer
 Elizabeth Manby Starck
 Lucy Staton
 Marcia Tapley Stephenson
 Catherine Stevens
 Caroline Stewart
 Ann Bard Stopp
 Marian Jane Thomas
 Julia Horner Thornton
 Priscilla Atkinson Tietjen
 Doris Jean Todd
 Thetis Aphrodite Touliatou
 Rosamond Gale Tryon
 Lydia Mildred Tyler
 Anne Elizabeth Wallace
 Jean Louise Webber
 Barbara Tuttle Weil
 Charlotte Rose Welles
 Dorothy Shipley White, 2d
 Ruth Elizabeth Wilgus

Natalie Ann Zemon

DEGREES

A.B.

Elise Ackley
 Mary Lee Adair (Jordan)
 Jean Adams
 Kyle Adams
 Lucy Cowles Adams
 Margaret Emily Addis
 Christine MacFarlane Alexander
 Frances Alexander
 Evelyn Muriel Alintuck
 Lavinia Allen
 *Margaret Glenn Allison
 Shirley Frances Applebaum
 Priscilla Arthur
 Edith Susan Ash
 *Helen Spackman Ayers
 Carolmae Baehr
 Janice Bail
 Barbara Carrington Baker
 *Edwine Updike Baker
 Barbara Ann Balch (Arnold)
 Beverly Balch
 Anne Barbey
 Agnes Jean Barker
 Joan Thorpe Barrett

*Lila Hester Barrows
 *Florence Elizabeth Baumbach
 Nancy McGhee Baxter
 Sylvia Renée Beck
 Mary Alice Beeghly
 Kate Helena Belcher
 Margery Jenks Belin
 Charlotte Lee Benjamin
 Beverly Bennett
 May Alice Berg
 Alice Mary Bickelhaupt
 Barbara Mae Billings
 Helen Lea Miner Bixby
 Jane Louise Blackman
 Patricia Page Blake
 Dulcy Ellen Blume
 Elisabeth Bowker
 Louise Boyer
 Janice Boles Brackett
 Kathleen Brand
 *Sylvia Breed
 Nancy Brewer (Munson)

* Elected to Phi Beta Kappa.
 † Elected to Sigma Xi.

Jacqueline Prentice Brimmer	Grace Davis Ellis
Agnes Elizabeth Broadfoot	Frances Osborn Emery
Marion Richards Bronson	Mary Chase English
Barbara Elizabeth Brown	Sibilla Louise Ernst
Jean Jencks Brown	Elizabeth Be Van Ess
Barbara Bruning	Nancy Inghram Ewart
Elizabeth Holmes Bryant	Anne Shepard Farnsworth
Elizabeth Ann Buckingham	Elizabeth Conklin Fenn
Nancy Maud Buell	Margaret Fenn
Helen Beatrice Bullock	Barbara Fifield
Barbara Burleigh	Isabel Dunning Filley
Louise Kellam Burpee	Judith Cogswell Fiske
Dorothy Ross Bush	Edna Mary Forbes
*Patricia Maude Busler	Anne Clark Ford
Cynthia Ann Button	Sally Allen Forsyth
Leila Estelle Cable	*Jean Foulkes
Drusilla Edith Cardinal	Ethel Louise France
Patricia Georgia Carroll	Lisl Frankenbush
Mary Townsend Carswell	Marjorie Ellen Freeman
Marion Inez Cashman	Marjorie Hall Gage
Jeanne Caswell	Elaine Janet Gamler
Lavina Chase	*Ann Hobbet Ganong
Barbara Chilcott	Jessie Wood Gare
Harriette Mae Clark	Dorothy Gerrans Gatch
Christiana Atlee Claxton	Virginia Hunter Gault
Emmy Lou Cleaver (Sherman)	Lois Marie Gauthier
Amy Barbara Cohen	Judith Whitmore Gaylor
Marianna Louise Collins	*Alys Josephine Gillett
Joan Frances Conroy	Ruth Welles Gillies
Constance Coughlin	Estelle Jane Glatt
Margaret Jane Craig	Natalie Glenn
Irène Czernichew-Besobrasow	Virginia Walton Glenn
Patricia Ann Dadmun	Zelda Gordon
Patricia Dailey	Mary-Jo Gould
Doris Elizabeth Daley	Marjorie Birney Grantz
Marie-Louise de Coriolis	Alice Elizabeth Green
Betty de Ganahl	Katharine Curtis Greene
Francine Michele de Gorter (Chrisler)	Catharine Ann Guthrie
Shirley Kilborn Deshon	Antoinette Madeleine Gutmann
Barbara Joan Dewey (Wehrman)	Ruth Charlotte Guttentag
Grace Bassick Dickson	*Helen Byrne Hackett
Zulime Whitney Diehl	Mary Allen Haggett
Marie Ella Dittmann	Barbara Hale (Adams)
Jane Victoria Donaldson	Juliet Andrena Hall
Rosemary Donnelly	Muriel Emilie Hamilton
Susan Driver (Doucett)	Henrietta Pehle Hammonds
Mary Elizabeth Dunaway	Patricia Carolyn Harding
Nancy Eckert	Fanny Harris
Jane Bosworth Eddy	Mary Elizabeth Harris
*Frances House Eells	Joan Comly Harvey

- Priscilla Ann Headington
 Mary Heard
 Natalie Musser Heebner
 Edith Hess Heim (Welch)
 Sybil Dorothea Heimann
 Nancy Kipp Hendrix
 Elizabeth Jane Hepburn
 Shirley Lois Hiersteiner
 Dorothy Rice Hill
 Sara Jeanne Hill
 Hazel Kathleen Hillix
 Malvina Hill Hitchcock
 Barbara Vanderbilt Hodgson
 Ellen Li Holch
 Jane Hollander
 Merrill Holmes
 Jane Amelia Holtby
 Virginia King Hosford
 Harriet Eells House
 Elizabeth Entwistle Hughes
 Ruth Hunsaker
 Carol Jean Huntington
 Mary Theresa Hurley
 Maxine Ethel Hurwitz
 Deborah Hutchison
 Alice Whitridge Iglehart
 Patterson Armistead Isley
 Marian Cozzens Jackman
 Ruth Margaret Jackson
 Joan Jeffris
 Nancy Helen Jenks
 Adrienne Jean Warner Jepson
 Jane Marie Jockmus
 Margery Ann Johns
 Mary Frances Johnson (Furlong)
 Virginia Helm Johnson
 Joy Gregory Keeler
 Alice Stetson Kelley
 Dorothy Hall Kellogg
 Martha Jean Kennedy
 Sidelle Rosalind Kertes
 Nancy Chloe Keyes
 Marilyn Jean Kieckhefer
 Nancy King
 Helen George Kingsley
 Jane Mallory Kirk
 Barbara Snow Knott
 Enid Maria Ileana Kotschnig
 Ruth Kraeling
 Rosalie Anne Kramer
 Susan Lackner
 Nancy Eunice Ladd
 Barbara Phelps Lade
 Ruth Lambert
 Constance Powell Landry
 Irene Adelaide La Pan
 Elaine Cecile Lavagnino (Hadley)
 Hannah Lawrence
 Barbara Hill Learned
 Elizabeth Dudley Leisk
 Joan Lenderking
 †Marion Hélène Lesher
 Sally Ann Levis
 Grace Li-en Lew
 Barbara Ann Lewis
 Mary-Brooks Linton
 Elizabeth Storrs Littell
 Diana Northrop Lockard
 Phyllis Negley Loose
 Mary Lowe
 Martha Cox Lowell
 Joan McCormick Lundberg
 Margaret Sparrow Lyman
 Eugenia Gibson Lynde
 Louise Mandel Lyons
 Winifred Doherty McCloskey
 Barbara Ogden McClurg
 Jean McConnell
 Elizabeth Sutphen MacCurdy (Falconer)
 Patricia McCurdy
 Evelyn McGaughey
 Candace McKee
 Dorothy Jane Mahoney (Hall)
 Virginia Marshall
 Sarah Parker Meigs
 Catherine Louise Meisner
 †*Virginia French Middleton
 Helen Katherine Mills
 Abby Manning Minot
 Elsie Jean Moore
 Louise Anne Moore
 Mary Boyd Morehead
 Florence Huntington Morley
 Barbara Marion Morrill
 Mary Jane Morris
 Patty Whitcomb Morse
 Carolyn Babcock Munro
 *Jean Marie Murphy
 Marian Fenor Myers
 Claire Thérèse Émérence Nicolas

- Barbara Elise Nolting
Juliet McLure Nutt
Carroll Normile O'Brien
Barbara Ann O'Donovan
Margaret Mary Otter
Elizabeth Byrd Owen
Marian Wilmotine Owens
Eleanor Pack (Liddell)
Virginia Sanborne Packard
Adele Verbeth Page
Esther McGraw Palmer
Patricia Jane Pape
Margaret Elizabeth Payne
Isabelle Ripley Peck
Nancy Corinne Peck
Joan Pennywitt
Annette Perlysky (Lavitt)
Jean Elizabeth Peterson
Elizabeth Jane Phelps (Todd)
Constance Earl Phillips
Margaret Joy Pickard
Alice Mary Pierce
Marilyn Cecelia Pierson
Madeleine Mabel Pohlmann
Barbara Ruth Potts
†Katharine Powell
Mary Elizabeth Prann
Patricia Prescott
Joanne Duff Preston
Mary Elizabeth Price
Barbara Jean Ralston
Roberta Page Ray
†Jean Hancock Riley
Nancy Gay Robb
Annette Roberts
Jane Norton Roberts
Virginia Louise Roberts
Priscilla Robertson
Phyllis Audrey Robins
Ann Rosenthal
Jill Rosenthal
Kate Rosenthal
Janet Ross
Margaret Shepard Rossell
Phyllis Josephine Rozycski
Marie Jeannette Ruge
Marilee Adele Rumpf
Mary Wyatt Rushton
Mary Katherine Gibson Russell
Elizabeth Ann Sargent
Grace Elizabeth Sauer
Anne Elizabeth Schacht
Frances Louise Scheffer
Eleanor Jay Schieffelin
Francine Sharon Schoenholtz
Susan Marguerite Schumacher
Shirley Fanchon Schwartz
Elizabeth Jane Scott
Carolyn Boyd Seaver
Anne Kirtland Selden
Beverly Chase Selinger
Doris Mae Severance
Corinne Joyce Shapira
Joan Moore Sharbough
Lucia Hosmer Sharp
Eileen Elinor-Ruth Shatz
*Madeline Sherman
Lois Sherrerd
Alison Smith
Barbara Wells Smith
Dorothy Jane Smith (Galbraith)
Rochelle Sokol (Charles)
Georganne Soutar
Donna Elizabeth Spies (Taylor)
Doris Mary Staples
Peggy Jean Stein
Susanne Stephanie Steinem
Mary Castle Stephenson
Elva Goldie Stevens
Laura-Ann Stevenson
Joan Britton Stitt
Carol Stokes
Marilyn Elizabeth Stone
Polly Love Stone
Jane Burton Strong
Eleanor Stuart
Sarah Ann Sulger
Judith Peixotto Sulzberger
Betty Joy Sundberg
Prudence Wyman Sutherland
Susan Bradley Swaim
Claire Tapley
Barbara Ann Taylor
Elsie Lathrop Taylor
Mary Jane Taylor
Rosalie Allen Taylor
Diana Ordway Tead
†*Helene Valeska Thoman
Marion Postles Thompson
Muriel Whittaker Thurber

Mary Tiedeman	Anne Bradford Wheeler
Sue Timberlake	Mary Ann White
Anne Tirrell	Sally Lucille Whitney
Barbara Ellen Treml	Jacqueline Whiton
Alberta Robbins Tropp	Georgia Brackett Wieting
Elizabeth Whitney Truman	Eleanor Burns Wilson
Rosemary Howard Turner	Katherine Wilson
Virginia Tuthill	Margaret Lynn Wilson
Joan Frances Van Orden	Gertrude Valerie Wolfner (Woolner)
Frances Joan Vitali	Claire Roslyn Wollison
Ann Palmer Vroman	Janice Mary Woodward
Mary Hamilton Walbridge	Elizabeth Woodworth
Ann Waldron	Mary Elizabeth Woolner (Kaufman)
†*Eleanor Bicknell Watt	Martha Wooster
Joan Mitzi Weinhausen	Ann Sartwell Worden
Ann Welch	Hope Marcia Woronock (Cramer)
Catherine Conable Welch	Pauline Anne Worrilow
Lucy Welles	Nancy Tracy Wyman
Susan Sheffield West	Scharlie Ann Youngquist
Margaretta Dixon Wharton	Olveria Frances Zizis

Cum laude

†*Shirley Jayne Ames (Bacteriology)
Betty Elaine Beckanstin (English)
Emily Churchill (Government)
*Marion Jane Enggas (History)
*Ruth Anne Evans (History)
*Eleanor Ann Fair (English)
*Patricia Freeman (English)
Dorothy Gates (Government)
*Cora Lee Gethman (Art)
*June Lyon Goldthwait (English)
*Renee Kathryn Haenel (History)
*Mary Elizabeth Harnden (Government)
Jean Helen Holthausen (Music)
Eleanor Ferree Lightner (Physiological Chemistry)
Jean Pierson (English)
Gertrude Estelle Roehrig (English)
Helen Sanger (Art)
Duscha Renate Elisabeth Schmid (History)
*Catherine Anne Sellers (Angle) (History)
Denise Elisabeth Sutter (Government)
Jane Frey Utiger (Art)
Joan Stevens Wilson (American Civilization)

Magna cum laude

*Patricia S. Albright (English)
*Frances McMurtrie Barber (Government)
†*Jeanne McClellan Bowersox (Bacteriology)

- †*Irene Margaret Cooney (Physics)
 Ruth Elyachar (Government)
 *Barbara Ann Feinn (Economics)
 Sylvia Hopkins (History)
 Nancy Diana Mann (Government)
 *Mary Elizabeth Marty (English)
 *Marilyn Susan Meyer (Philosophy)
 †*Mary Putnam Oliver (Premedical)
 †*Marilyn Adiene Poth (Physics)
 *Sabra Julia Rogers (Spanish)
 *Anne Sparks (History)
 *Ruth Louise Wood (Gold) (American Civilization)
 *Anne Bacon Worden (Classics)

Summa cum laude

- †*Margret Carolyn Booth (Physiological Chemistry)
 †*Barbara Allen Illingworth (Physiological Chemistry)
 *Lois Janet Lichenstein (English)

CLASS OF 1946 (ACCELERATED)

Jean Boss Anthony	Arleen Joy Kurash
Aileen Minda Bronfman	Ruth Gloria Levin
Marilyn Ruth Cohen	Jane Montgomery Marshall
Elizabeth Jane Fowler (Warrick)	Felice Toba Nierenberg
Dorothy Adair Guider	Eleanor Steele
Marianne Wright Kelsey (Delano)	Cynthia Whitbeck
Marianne Williamson	

CLASS OF 1947 (ACCELERATED)

Shirley Jane Ascher	Barbara Haug Macgowan
Marion Morgan Cooke	Rosemary Irene Mileham
Janet Lunan Cumming	Nathalie Pernikoff
Barbara Elaine Davis	Barbara Stillwell Robinson
June Dorothy Gilman	Mary Baldwin Schwab
Ann Kimberly Hunneman	Lois Sheila Shanker
Lydia Morgan Ingersoll	Hester Virginia Shimp
Evelyn Windheim	

Magna cum laude

Joan Elizabeth Geraldine Fisher (History)

AS OF THE CLASS OF 1945

Shirley Esther Cass (Smith)	Emma Beidler Hooton (Dobson)
Mary Fortney Groom	Beverly Hazel London (Wolf)
Carolyn Chase Sibley (Wolfe)	

A.M.

Judith Baily, A.B. 1945 Hunter College of the City of New York. Spanish.
 The Minor Prose of Ricardo Güiraldes and Its Relation to *Don Segundo Sombra*.

- Jean Loraine Bartz, A.B. 1943 University of Kansas. Chemistry.
Studies in the Chemistry of Germanium. I. Equilibria in the System Germanium Sulfide-Ammonia. II. Ammonium Thiogermanate.
- Arlene Beach, B.A. 1939 Keuka College. Theatre.
The Open-air Theatre in the United States with Its Historical and European Backgrounds.
- Norma Marie Bruton, A.B. 1945 Hunter College of the City of New York. English.
The Motif of the Rudderless Boat in Medieval Romance.
- Isabelle Anne-Marie Cazeaux, A.B. 1945 Hunter College of the City of New York. Music.
The Chansons of Philippe de Monte.
- Gweneth Leslie Carson, B.A. 1944 University of Toronto. Botany.
The Crossability of *Datura quercifolia* H. B. K. with Seven Species of Genus.
A Study of the Hybrid from the Cross between *Datura inoxia* Miller (female) and *Brugmansia suaveolens* Humb. & Bonpl. (male).
- Melba Rita Ciolfi, A.B. 1944 Hunter College of the City of New York. French.
Examen critique de traductions anglaises de deux contes de Guy de Maupassant (*La Ficelle* et *Les Bijoux*).
- Evelyn Clinton, B.A. 1928 Montana State University. Theatre.
A Comparative Analysis of the Two Texts of Bulwer-Lytton's Poetic Drama, *Richelieu*, as Collaborated on and Acted by William Charles Macready in 1839, and as Revised and Acted by Edwin Booth in 1866.
- Ethel Hass Cohen, A.B. 1945 Hunter College of the City of New York. Music.
Il Terzo Libro de Varie Sonate (1613) of Salamone Rossi. An edition with realized "basso continuo" and critical preface.
- Alice Gerber Green, A.B. 1945 Swarthmore College. English.
Meredith, Flaubert, and Tolstoy as Social Satirists. A study based primarily on *The Egoist*, *Madame Bovary*, *War and Peace*, and *Anna Karenina*.
- Hui-ling Hsiung, B.A. 1938 National Wu-han University. History.
Congress and American-Chinese Relations 1919-1932.
- Rosa Pomposa Igarzabal, Maestra 1942 Institutos Normales del Uruguay. Education and Child Study.
A Study of Some of the Trends in the Elementary School Curriculum Due to the Influence of the Child Development Movement, with Some Implications for the Elementary School Curriculum in Uruguay.
- Ellen Mary Kelley, B.Sc. 1944 New Jersey College for Women. Zoology.
A Comparison of Skull Characters and Their Relation to Habits and Habitats in Some Plethodontidae and Other Salamanders.
- Lois Elizabeth Langland, B.S. in Ed. 1941 Northwest Missouri State Teachers College. English.
Attitudes towards Nature in Lyric Poetry of the Seventeenth Century.
- Elizabeth Lord, A.B. 1935 Bryn Mawr College. Theatre.
A Study of the Life and Writings of Emily Dickinson in Preparation for a Dramatization of Her Life.
- Alice Eaton McBee, 2d, A.B. 1941 Sweet Briar College; B.S. 1943 Columbia University. History.
From Utopia to Florence 1830-1852.
- Barbara Helen Perry, A.B. 1943 Smith College. Zoology.
The Relation of the Quality of Dietary Fat to the Storage of Vitamin A in the Liver of the Rat.

- Shirley Belle Rich, B.F.A. 1944 State University of Iowa. Theatre.
 Elements of Comedy as Illustrated by Three Shakespearean Women, Rosalind, Beatrice, and Maria.
- Mary Lucile Rion, A.B. 1943 University of Kentucky. English.
 Edith Wharton: Critic of Her Class.
- Carmen Sanz, Ingeniero Agrónomo 1941 University of Chile. Botany.
 Pollen-tube Behavior in Interspecific Pollinations on *Datura stramonium*.
- Margaret Anne Scratchley, A.B. 1945 New Jersey College for Women. Spanish.
 Bocquer's Themes and Their Variations.
- Valborg Sigurds, A.B. 1944 Smith College. Education and Child Study.
 An Approach to the Study of the Stereotypes of Family Roles and Their Influence on People's Judgments of Personality and Behavior.
- Hana Nataša Sommer, A.B. 1945 Vassar College. Chemistry.
 The Synthesis of Certain Intermediates in the Direction of Homomeroquinene.
- Eva Johanna Spitz, A.B. 1945 Hunter College of the City of New York. French.
 Le Portrait de l'Allemand dans le roman français entre 1870 et 1914.
- Roberta A. Stewart, B.S. 1944 University of New Hampshire. Chemistry.
 Synthetic Experiments in the Direction of the Ethanamine Chain in the Morphine Molecule.
- Anne Willard, B.S. 1945 University of New Hampshire. Chemistry.
 Synthetic Experiments in the Direction of the Morphine Nucleus.
- Margaret Louise Wooster, A.B. 1944 Pembroke College in Brown University. Music.
 The Influence of Language upon English Sacred Choral Music. An inquiry concerning the change from Latin to English in sacred choral music during the middle part of the sixteenth century.

M.S. IN PHY.ED.

- Margaret Jaclyn Albi, B.S. in Phy. Ed. 1945 State College of Washington.
 The Grading of Physical Education Activities for College Women.
- Armantine Dugar Dunlap, A.B. 1944 Woman's College, University of North Carolina.
 Measurement of Modern Dance Technique.
- Catherine Fraser Shaw, B.S. in Phy. Ed. 1945 Boston University.
 Measurement of Motor Skill. A statistical study of basket ball testing.

M.L.A.

Lenore Eliza Thompson, B.S. 1945 Cornell University.

HONORARY DEGREES

A.M.

Eleanor Bumstead Stevenson

Sc.D.

Lise Meitner

L.H.D.

Hope Emily Allen

LL.D.

Frances Bradshaw Blanshard

M.S.S.

Edna Marion Berk, A.B. 1945 Mount Holyoke College.

The Rôle of the Case Worker in a Children's Institution.

Bertha Barish Borden, B.A. 1930 University of Manitoba.

The Rôle of Grandparents in Children's Behavior Problems.

Anna Mina Braunstein, A.B. 1927 University of Pittsburgh.

Co-operative Cases of the Public Schools and the Guidance Institute of Berks County.

Thelma Shirley Brodsky, A.B. 1945 Clark University.

A Family Agency's Services to a Day Care Center Program.

Marjorie Mollie Brown, A.B. 1944 University of California.

Factors Influencing the Outcome of Treatment of Adolescents in a Family Agency.

Shirley Ruth Isenberg Camper, B.A. 1945 University of Wisconsin.

A Follow-up Study of Children Discharged from a Psychiatric Ward. Part II: Factors in Treatment.

Juanita Belle Chauncey, A.B. 1943 University of Akron.

Attitudes of Doctors and School Administrators toward the Worcester Child Guidance Clinic.

Betty Ann Cohen, A.B. 1945 Queens College.

Value of Child Placement Services to Delinquent Children.

Ruth Zelde Dorfman, A.B. 1942 University of Pennsylvania.

Union Counselor Referrals to Social Agencies in Philadelphia.

Beatrice Louise Friedman, B.S. (Bus.) 1933 University of Idaho.

Community Adjustment of Hebeephrenic Patients Who Received Shock Therapy.

Sylvia Joyce Fuhrer, A.B. 1936 New Jersey College for Women.

Are Social Agencies Reaching Seriously Maladjusted Children?

Ruth Elizabeth Furchtgott, A.B. 1944 George Washington University.

Case Work Techniques in the Treatment of Psychotic Patients.

Alberta Mildred Geer, B.S. 1944 Syracuse University.

The Adjustment of Adolescents to Homemakers.

Ruth Allen Gordon, B.A. 1944 Talladega College.

A Follow-up Study of Children Discharged from a Psychiatric Ward. Part I: Factors in the Background of the Children.

Miriam Patrick Hart, A.B. 1925 Hollins College.

Case Work with Mothers Who Are Psychiatric Patients.

Ruth Hewitt Herriott, B.A. 1925 University of Wisconsin.

A Study of Treatability of Marriage Counseling Cases in a Family Agency.

Dorothy Emma Herrmann, A.B. 1943 Oberlin College.

The School's Rôle in Treatment.

Melitta Jerech, A.B. 1945 Pembroke College in Brown University.

Some Factors in the Treatment Outcome of Adolescent Truants Referred to a Child Guidance Clinic.

Frances Perdue Johnson, A.B. 1945 Goucher College.

Cases Carried Co-operatively by a Child Guidance Clinic and a Child Placing Agency.

Alice Rosalie Kahn, A.B. 1943 Smith College.

A Comparison of Fee Policy and Fee Practice in a Child Guidance Clinic.

- Leah Hope Lebeson Kaplan, B.A. 1943 University of Minnesota.
 Direct Case Work with Children in a Family Agency.
- Riesha Frances Kaufman, B.S. (Soc. Work) 1945 West Virginia University.
 Factors Influencing the Vocational Plans of Anthracite Miners' Sons.
- Marion Jean Kerr, B.A. 1944 Wellesley College.
 The Preparation of Children for Psychiatric Treatment in a Child Guidance Clinic.
- Patricia Durnford Knapp, A.B. 1945 Smith College.
 The Attitudes of Negro Unmarried Mothers toward Illegitimacy.
- Phyllis Selma Kosky, S.B. 1944 Simmons College.
 Status of Closing and the Immediacy of Service in Child Guidance Cases.
- Shirley Elaine Kuehne, B.A. 1942 Saint Joseph College.
 The Value of Case Work Services to Paranoid Schizophrenic Patients on Parole.
- Ruth Jeanne Levine, B.S. 1945 Cornell University.
 The Family Situation of Men Employed in the Mines.
- Hanna Ruth Lowe, A.B. 1944 Connecticut College.
 The Value of Case Work Services to Catatonic Patients on Parole.
- Rhesa MacIntyre Lundelius, B.A. 1945 American International College.
 Some Factors Related to the Use of Home Management Service.
- Catherine Van Voorhis McCarthy, A.B. 1929 University of Rochester.
 Social Adjustment of Postpartum Psychotics Treated with Shock Therapy.
- Jean Ellen McLellan, B.A. 1944 University of Minnesota.
 Case Work Services in a Hospital for the Mentally Ill.
- Susanne Marie Bergel Mitchell, A.B. 1945 Mount Holyoke College.
 Outcome of Family Agency Work with Feeble-minded Clients.
- Vera Carolyn Myers, A.B. 1943 Mount Holyoke College.
 Use of Case Work by Applicants for Homemaker Service.
- Janet Hamilton Pfleger, A.B. 1942 Colby College.
 "The Wicked Stepmother" in a Child Guidance Clinic.
- Helen Sarita Pinkus, A.B. 1940 Stanford University.
 Factors Influencing the Community Adjustment of Schizophrenic Catatonic Patients.
- Jean Frances Portmann, A.B. 1945 University of Cincinnati.
 Factors Related to the Effective Use of a Service for Unmarried Mothers.
- Lovel Price, A.B. 1943 Vassar College.
 Case Work with Parents of Feeble-minded Children.
- Katharine McHale Ramm, B.S. 1944 Columbia University.
 Is Monotonism an Indication of Maladjustment?
- Thelma Zena Reed, A.B. 1944 University of Georgia.
 A Family Agency's Need for Medical Social Service.
- Gertrude Rotenberg, B.Sc. in Soc. Adm. 1943 Ohio State University.
 Need for Case Work with Parents in Treatment of Adolescents.
- Doris Bernice Rothseid, B.S. 1945 Northwestern University.
 The Requests of Refugees and How They Are Met by a Family Agency.
- Irene Nancy Rucker, B.S. 1942 Tennessee Agricultural and Industrial State Teachers College.
 Outcome of Play Interviews Conducted by Social Workers.
- Louise Lown Russem, A.B. 1944 Tufts College.
 A Family Agency's Activities in Raising Public Welfare Standards.

- Winifred Young Sells, B.Sc. in Soc. Adm. 1938 Ohio State University.
Social Factors in Ten Postpartum Schizophrenics.
- Mildred Juanita Snider, B.A. 1938 State University of Iowa.
Intake and Services in a Recently Organized Family Society.
- Jean Kathryn Spellman, A.B. 1944 Hofstra College.
Selective Criteria for Referral to Child Study Center.
- Vida Hortense Timbers, A.B. 1945 Mount Holyoke College.
The Recreational Interests of Junior High School Boys.
- Ruth Ann Weitz, B.A. 1945 Alfred University.
Veterans as Clients of a Family Agency.
- Dolores J. Wing, A.B. 1942 University of California.
Influence of Economic Status on the Use of Case Work Services of a Child Guidance Clinic.
- Gloria Adelaide Bruce Witbeck, A.B. 1945 Western Reserve University.
The Attitudes of Negro Clients toward Negro Case Workers.
- Hazel Marie Young, A.B. 1937 Ohio University.
Community Adjustment of Involutional Melancholia Patients.

STUDENTS

FRESHMAN CLASS

Abraham Gabriele Lucie	Cambridge	Lawrence House
Adams Jean Ramsay	Pittsburgh, Pa.	Franklin King House
Adler Jewel	New York	Jordan House
Aguanno Vinnie Marie	Brooklyn, N. Y.	Washburn House
Albrecht Johanna Baird	Westfield	Jordan House
Allen Constance Patricia	Orange, N. J.	17 Henshaw Av.
Alpers Janet Page	Westfield, N. J.	Washburn House
Altman Lila Diana	Brooklyn, N. Y.	Martha Wilson House
Ames Cornelia King	Syosset, N. Y.	79 Elm St.
Anderson Cynthia Elizabeth	West Hartford, Ct.	Morrow House
Anderson Edith Frances	Watertown	Albright House
Andrew Helen Richardson	Portland, Me.	91 Elm St.
Arky Rita Harriet	Perth Amboy, N. J.	Wilder House
Aspinwall Mary-Louise	Catonsville, Md.	150 Elm St.
Atwood Patricia	Swampscott	Comstock House
Bach Patricia Stuart	Wellesley Hills	Northrop House
Bader Joan	Glastonbury, Ct.	Ellen Emerson House
Bagby Sarah Ann	River Forest, Ill.	Chapin House
Bailey Mary Laird	New Canaan, Ct.	Baldwin House
Bailey Ruth Ellen	New York	Martha Wilson House
Baker Evelyn Muriel	Brookline	Northrop House
Baker Joan Joy	New York	Comstock House
Baker Phyllis Edyth	Florence	106 Beacon St., Florence
Baldrige Elizabeth Bryant	Bronxville, N. Y.	Wallace House
Bardeen Helen Bennett	Kalamazoo, Mich.	Wallace House
Barnes Virginia Thurston	New York	Morrow House
Baron Judith Carol	New York	Comstock House
Barrett Beatrice Helene	Cincinnati, O.	Parsons Annex
Bates Jean	Riverside, R. I.	Chapin House
Beard Barbara Ann	Louisville, Ky.	Dewey House
Beaven Virginia Wetmore	Kenilworth, Ill.	Gardiner House
Beede Sarah Anne	Rehoboth	Parsons Annex
Beekley Frances Cheyney	West Hartford, Ct.	Gillett House
Bell Barbara Jacqueline	Marblehead	Hopkins House A
Bell Nancy Seidel	Brooklyn, N. Y.	Martha Wilson House
Bennett Helen Gibbs	Montclair, N. J.	Gardiner House
Benson Corinne Speck	Salem	Comstock House
Bergeron Marie Therese	Hamden, Ct.	Comstock House
Bergmann Elizabeth Edwards	Winnetka, Ill.	Laura Scales House
Berk Gloria Rochelle	Brooklyn, N. Y.	Cushing House
Berry Patricia Ann	Fort Clayton, C. Z.	Tyler House
Berry Sylvia Julia	Burney, Cal.	Park House
Betteridge Nancy	Short Hills, N. J.	Wallace House

Biddle Christine Williams	Vancouver, Wash.	Comstock House
Birnbaum Nancy	Beverly Hills, Cal.	Comstock House
Bishop Mary Willette	Indianapolis, Ind.	Comstock House
Bisselle Shirley Ann	Washington, D. C.	Baldwin House
Black Maureen Moore	Short Hills, N. J.	Clark House
Blaw Betty Leota	Jackson, Miss.	Martha Wilson House
Bleibtreu Ann-Louise	New York	Tyler House
Bliss Mary Hallock	Greenwich, Ct.	Northrop House
Bloch Louise Deborah	Steubenville, O.	Comstock House
Bloomberg Beverly Ann	Lowell	Wallace House
Boeschenstein Nancy Ann	Perryburg, O.	Parsons Annex
Bogert Virginia Margaret	Englewood, N. J.	Morris House
Boland Judith Frances	Melrose	Morrow House
Bond Charlotte Marjorie	Hawi, Hawaii	Talbot House
Booth Margaret Aitken	Birmingham, Mich.	17 Henshaw Av.
Braham Isabel Whitla	New Castle, Pa.	Gardiner House
Brandt Mary Glenair	East Aurora, N. Y.	Ellen Emerson House
Briggs Virginia Constance	Cranford, N. J.	Jordan House
Brock Virginia Lois	Buffalo, N. Y.	Gardiner House
Brockhausen Greta Emmeline	Madison, Wis.	Wilder House
Bronstein Beverly Ferne	Rumford, Me.	Jordan House
Brost Betty Jane	Eggertsville, N. Y.	Morris House
Broughton Martha	Dayton, Wash.	Wesley House
Brown Cynthia Mary	Waban	Lawrence House
Brown Jacqueline Jeanne	Bronxville, N. Y.	Gillett House
Brown Mary Carter	Cambridge	Talbot House
Buell Barbara Ann	Worthington, O.	Wilder House
Buell Elizabeth Winslow	Richmond	Parsons Annex
Bull Shelley Priscilla	New York	Laura Scales House
Burnett Mary Elizabeth	Louisville, Ky.	Dewey House
Bushnell Audrey	Glendale, O.	Hubbard House
Butler Patricia Elizabeth	Brooklyn, N. Y.	Martha Wilson House
Cable Jane Lightner	La Porte, Ind.	Ellen Emerson House
Campbell Edith Sumner	Milton	Franklin King House
Campbell Elizabeth Mary	Montclair, N. J.	150 Elm St.
Campe Lois Cydney	Rye, N. Y.	Park House
Canfield Marjorie Alice	Waterbury, Ct.	Laura Scales House
Cannon Marilyn Lee	Toledo, O.	Jordan House
Carlo Elizabeth Woodruff	Fort Wayne, Ind.	Haven House
Carrier Carolyn Lothrop	Cincinnati, O.	Parsons House
Carson Sally Ann	Ardmore, Pa.	Franklin King House
Carter Nancy	Rockport	Hubbard House
Cary Virginia Ransom	Buffalo, N. Y.	91 Elm St.
Cassell Sally	New York	Cushing House
Caswell Elisabeth Jane	Worcester	Clark House
Chase Anne Audenried	Deerfield	Jordan House
Cherry Emily Miller	Rockville Center, N. Y.	Park House
Churchill Martha Ann	Madison, N. J.	Talbot House
Ciaschini Doris Antoinette	Northampton	176 North St.
Clancy Theresa Deane	New York	Park Annex

Clapp Lois	Fairfield, Ct.	Clark House
Clark Margaret Coyle	Haverford, Pa.	Park Annex
Clarke Marguerite Taliaferro	Manhasset, N. Y.	Washburn House
Classon Aileen Beverly	New York	150 Elm St.
Cochrane Martha Hopkins	Rochester, N. Y.	Capen House
Colean Mary Katherine	Washington, D. C.	Wesley House
Collins Margaret Ann	Belmont	Chapin House
Collins Patricia Jane	Madison, N. J.	Wilder House
Colton Margaret Elizabeth	Fort Knox, Ky.	Hopkins House
Comins Amy	Pittsburgh, Pa.	Cushing House
Connelly Beverly Marise	Seattle, Wash.	Hubbard House
Coughlin Mary Fleming	Providence, R. I.	Cushing House
Cowen Mary Margaret	Jenkintown, Pa.	Chapin House
Craig Hope	New York	Park Annex
Cromack Billie Jean	Ellsworth, Kan.	Gardiner House
Cromwell Margaret Katherine	New York	Martha Wilson House
Croog Ruth	New Haven, Ct.	Albright House
Crosby Nancy	Topeka, Kan.	Wilder House
Crossley Dorothy Irving	Princeton, N. J.	Wallace House
Culbertson Loraine Stuart	San Mateo, Cal.	Martha Wilson House
Cummins Sara Jill	Johnson City, Tenn.	Talbot House
Curth Elizabeth Marie	New York	Comstock House
Dabney Fay	Medfield	Hubbard House
Dailey Margaret Elizabeth	Waterford, Mich.	Lawrence House
Davidson Karla	Forest Hills, N. Y.	Washburn House
Davis Dorothy Wendell	Hartford, Ct.	Gardiner House
Davis Marion Esta	Springfield	Morrow House
Dawson Shirley Rowan	New York	Lawrence House
De Camp Anne Hetherington	Cincinnati, O.	91 Elm St.
de Coningh Mary	Cleveland, O.	Hubbard House
Deringer Jane	Scarsdale, N. Y.	Morrow House
Dewey Jeanne Alice	Darien, Ct.	Dewey House
Dixon Marguerite Ramsdell	Montclair, N. J.	Franklin King House
Downey Deborah	Cranston, R. I.	Morrow House
Downing Jane Katherine	Holyoke	Laura Scales House
Dowzer Nancy Ann	Hutchinson, Kan.	Hopkins House B
Doyle Barbara Virginia	Brooklyn, N. Y.	Cushing House
Doyle Mary Elizabeth	Northampton	169 Bridge St.
Dragon Phyllis Cecile	Northampton	69 Belmont Av.
Driver Henrietta	Newburyport	Wilder House
Drucker Margaret Frances	Wilmette, Ill.	Gillett House
Duff Alison Margaret	Wellesley	Wesley House
Dydek Dorothea Elizabeth	Quincy	Wilder House
Eames Elizabeth Tower	South Byfield	Ellen Emerson House
Eaton Margaret Thompson	Hamburg, N. Y.	Ellen Emerson House
Ebberts Carolyn May	Lancaster, Pa.	Talbot House
Echikson Eleanor	Maplewood, N. J.	Gillett House
Eckart Judith Brumley	Westport, Ct.	Wallace House
Einhorn Nicolle Grace	New York	Lawrence House
Ellis Barbara Warner	Winnetka, Ill.	Haven House

Ellis Mary Quinn	Kenilworth, Ill.	Franklin King House
Elmer Lucy Jefferson	West Hartford, Ct.	Tyler House
Engelson Joyce Sheila	Brooklyn, N. Y.	Gillett House
Evans Bernice Barbara	Chelsea	Jordan House
Eydenberg Barbara Susan	Woodmere, N. Y.	Northrop House
Fanger Ruth Lee	Brookline	Martha Wilson House
Farrar Martha Norton	Buffalo, N. Y.	91 Elm St.
Fatt Barbara Anne	New York	Gardiner House
Feldberg Barbara Sally	Brookline	Franklin King House
Feldman Leona Judith	Forest Hills, N. Y.	Comstock House
Fenn Patricia Louanna	Mount Cuba, Del.	Capen House
Field Ann Fuller	Biltmore, N. C.	Gillett House
Firth Barbara Ann	Old Greenwich, Ct.	Gillett House
Fischer Cornelia	Plainfield, N. J.	Hopkins House
FitzGerald Maureen	Chicago	150 Elm St.
FitzSimons Suzanne Marie	Grosse Pointe, Mich.	Baldwin House
Fleschner Bette Phyllis	New York	Franklin King House
Foltz Shirley	Akron, O.	Cushing House
Forbes Janet Margaret	Laramie, Wyo.	Baldwin House
Forbes Marjorie	Milton	Ellen Emerson House
Ford Audrey Frances	Lakeville, Ct.	Baldwin House
Forsyth Eleanor	Princeton, N. J.	Ellen Emerson House
Forte Virginia Frances	Belmont	Northrop House
Franklin Betsey Fenn	Mountain Lakes, N. J.	Laura Scales House
Frazier Fleta Anne	Hutchinson, Kan.	Hopkins House B
Freeman Phyllis Joan	Cedarhurst, N. Y.	Franklin King House
French Alice Elizabeth	Braintree	Morris House
French Polly Loomis	Grand Rapids, Mich.	Laura Scales House
Friedman Ruth Dorothy	Woodmere, N. Y.	Morrow House
Frolich Sylvia Claire	New York	Baldwin House
Gale Louise Ormsbee	Buffalo, N. Y.	Dewey House
Gay Lucy Alexander	Spring Station, Ky.	Capen House
Gerould Lesley Chapman	Cambridge	Franklin King House
Gibbon Carolyn	Arcadia, Cal.	Sessions House
Gier Marilyn Harriet	Lansing, Mich.	Haven House
Gillam Gretchen	Minneapolis, Minn.	Lawrence House
Gingold Mildred	New York	Washburn House
Goewey Anne Barent	Wellesley Hills	Wesley House
Goodenough Hester Vanneman	Woodbridge, Ct.	Wallace House
Gordon Ginger	New York	Hopkins House
Gordon Joan Reitman	Teaneck, N. J.	Gillett House
Gordon Selma Phyllis	Dorchester	Wallace House
Grabfield Dora Murray	Milton	Jordan House
Grant Patricia Rollins	Florence	273 N. Main St., Florence
Gray June Myrtle	Philadelphia, Pa.	Jordan House
Green Margaret Osgood	West Hartford, Ct.	Lawrence House
Greenberg Esta Ruth	Dorchester	Lawrence House
Greene Muriel Jacqueline	Washington, D. C.	Parsons Annex
Greenough Ann Forbes	Providence, R. I.	Chapin House
Gregory Joan Esther	New Haven, Ct.	Albright House

Griffenhagen Mary Virginia	Evanston, Ill.	Dewey House
Grimley Gloria Scott	Ridgewood, N. J.	Morrow House
Groch Primmy Dickey	Grosse Pointe, Mich.	Park House
Grossman Jane Tuck	Scarsdale, N. Y.	Morris House
Gwirtzman Marcia Betty	Rochester, N. Y.	Washburn House
Gyger Joyce Elizabeth	Portland, Me.	Chapin House
Haas Lynn	Woodmere, N. Y.	Jordan House
Hall Anne-Marie Goddard	Auburn	Hopkins House A
Hall Janice Gail	Cincinnati, O.	Hubbard House
Hall Jo Ann	Roseland, Neb.	Franklin King House
Halsey Mary Elizabeth	New Haven, Ct.	Jordan House
Hansen Elizabeth Ann	Seattle, Wash.	Hubbard House
Harden Patricia Elizabeth	Hamburg, N. J.	Comstock House
Harlow Ann Harriet	Rockville, Ct.	Chapin House
Harper Jane Courtney	Akron, O.	Hubbard House
Harris Joan	Glen Head, N. Y.	Hopkins House B
Harris Mary Elizabeth	Galveston, Tex.	Ellen Emerson House
Hart Anna Fisher	Princeton, N. J.	Ellen Emerson House
Hart Lois Sands	Stamford, Ct.	Parsons House
Harvey Eda Jessa	Brookline	Wilder House
Harvey Jane	Wellesley Hills	Hubbard House
Hasckel Jeanne Marilyn	Hyannis	Martha Wilson House
Hawkins Mimi	Northbrook, Ill.	Parsons Annex
Heebner Barbara	Wynnewood, Pa.	Wesley House
Heffelfinger Rosalie Ewry	Wayzata, Minn.	Talbot House
Held Anne Poyntell	Moorestown, N. J.	Baldwin House
Hemphill Dolly	West Chester, Pa.	Talbot House
Hemphill Hope Calhoun	Princeton, N. J.	Jordan House
Henderson Elizabeth Patricia	Malverne, N. Y.	Albright House
Hendren Caroline	Kansas City, Mo.	Franklin King House
Herbert Anna Maria	Kansas City, Mo.	Martha Wilson House
Hertzmark Eunice Cynthia	Waterbury, Ct.	Cushing House
Heyman Elinor Joel	Atlanta, Ga.	Gardiner House
Heyman Marion Rita	Danbury, Ct.	Morris House
Hickey Margaret Mary	Northampton	101 Crescent St.
Hill Andrea Douglas	Providence, R. I.	Wesley House
Hill Emma Patricia	San Marino, Cal.	Ellen Emerson House
Hoadley Carol Taylor	Waterbury, Ct.	Comstock House
Hoepli Eleanore Ann	New York	91 Elm St.
Holloway Martha	Seattle, Wash.	Talbot House
Homer Marion	New York	Tyler House
Hommel Betsy Ann	Syracuse, N. Y.	Baldwin House
Hopkins Carol	Montclair, N. J.	Comstock House
Hudson Jean Anne	Waban	Washburn House
Hurd Nancy Albright	East Aurora, N. Y.	Hopkins House B
Jacobs Carol Miriam	Albany, N. Y.	Martha Wilson House
Jacobs Loretta Grinnell	Ann Arbor, Mich.	Wilder House
Jacobs Rosemary Helena	New York	Baldwin House
James Eleanor Micheaux	Greenville, N. C.	Wilder House
James Pauline Joan	Austin, Ind.	Comstock House

Jayne Mary Hand	Scarsdale, N. Y.	Martha Wilson House
Johnson Adeline Mary	Boston	Morris House
Johnson Dorothy Ann	Shreveport, La.	Ellen Emerson House
Jones Alice Anne Kennedy	Ardsley on Hudson, N. Y.	Tyler House
Jones Margaret-Lee	St Louis, Mo.	Martha Wilson House
Jones Martha Adele	Cincinnati, O.	Capen House
Jones Nancy Speer	Lakewood, O.	Ellen Emerson House
Jones Patricia Claramae	Oneida, N. Y.	Hubbard House
Joy Nancy	Syracuse, N. Y.	Parsons Annex
Joyce Carol	Melrose	Baldwin House
Jungnickel Heli Lehua	Kaneohe, Hawaii	Comstock House
Kairys Paula Lorraine	Baltimore, Md.	Franklin King House
Kalischer Sue Louise	Woodmere, N. Y.	Franklin King House
Kaplan Meta Joyce	New Haven, Ct.	Cushing House
Karns Marian McNair	Swarthmore, Pa.	Wilder House
Kasden Nancy Louise	Ansonia, Ct.	Jordan House
Keller Margaret Jeanne	Hinsdale, Ill.	Cushing House
Kelley Pamela	Lake Forest, Ill.	150 Elm St.
Kelley Susan Jane	Manhasset, N. Y.	Dewey House
Kelsey Anne	East Boxford	Lawrence House
Keniry Mary Jane	Mechanicville, N. Y.	Laura Scales House
Kennedy Ann	Dayton, O.	Jordan House
Kennedy Lilith	New Haven, Ct.	Morrow House
Kiekhofer Emilie Brace	Madison, Wis.	Park House
Kiersted Margaret Cooper	Scarsdale, N. Y.	Franklin King House
Kiger Sarah Suzanne	Kansas City, Mo.	Jordan House
Kingoff Emma Rose	Wilmington, N. C.	Morris House
Kivlin Sheila Margaret	Madison, Wis.	150 Elm St.
Kline Renee Helen	Hazleton, Pa.	Chapin House
Klumpp Mary Elizabeth	Villanova, Pa.	Chapin House
Knight Elizabeth Margaret	Chicago	Gardiner House
Knight Margie Lytle	Cleveland, O.	Dewey House
Knight Nancy	Highland Park, Ill.	Talbot House
Knight Nancy Duerson	Hinsdale, Ill.	Chapin House
Kobylanski Elaine Julia	St Petersburg, Fla.	Ellen Emerson House
Koehler Karin	Swarthmore, Pa.	Lawrence House
Kondratieff Madeleine Marie Irène Véra Eugénie	Paris, France	Washburn House
Kremers Jane Gerrit	Lewiston, N. Y.	Washburn House
Kruger Jane Sally	Maplewood, N. J.	Gillett House
Kuhn Elinor Florence	Easthampton	6 Knight Av., Easthampton
Kuter Roxanne	Washington, D. C.	Cushing House
Lachmund Ann Draper	Duluth, Minn.	Gillett House
Laird Jane Eversleigh	Milton	Comstock House
Lamar Mary Wilhelmina	Birmingham, Ala.	Gardiner House
La Montagne Phyllis Mary	Hatfield	48 Elm St., Hatfield
Lander Elinor Beth	New Haven, Ct.	Laura Scales House
Landis Lorna Bartlett	Milwaukee, Wis.	Jordan House
Lane Elizabeth Louise	Leominster	Comstock House
Larkum Cynthia	Charlottesville, Va.	Laura Scales House

Larrabee Frances Jane	Bellingham, Wash.	79 Elm St.
Lee Mary Josephine	Princeton, N. J.	Tyler House
Lefkovich Shirley Rita	Brighton	Cushing House
Lerner Constance	Boulder, Colo.	Tyler House
Leslie Joan Rogers	Erie, Pa.	Hubbard House
Levine Jane Elizabeth	Springfield	Jordan House
Levine Jeanne	Princeton, N. J.	Cushing House
Lewis Eleanor Saltonstall	Sherborn	Morris House
Lind Geraldine Ruth	Wilmette, Ill.	Northrop House
Lindner Shelley Ann	Cincinnati, O.	Wesley House
Lindsay Jean McLean	New Hartford, N. Y.	Morrow House
Linehan Constance Judith	Lynn	Park Annex
Linke Virginia Elizabeth	Plainfield, N. J.	Morrow House
Litchard Martha	Longmeadow	Ellen Emerson House
Little Zoann	South Euclid, O.	Wallace House
Lobrano Dorothy Jean	Chappaqua, N. Y.	Sessions House
Lockerty Joan Marie	Montclair, N. J.	150 Elm St.
Loeb Kathryn Cecile	Montgomery, Ala.	Gardiner House
Loeffler Elaine Pembroke	Rochester, N. Y.	Morrow House
Logan Margaret Jean	Hightstown, N. J.	150 Elm St.
Low Patricia	New Rochelle, N. Y.	Franklin King House
Lyman Lorraine	Brookline	Park House
Lynch Margaret Stevenson	Pelham, N. Y.	Talbot House
Lynch Nancy Harrington	New York	91 Elm St.
McAfee Janet Mercer	St Louis, Mo.	Franklin King House
McChesney Ann Louise	Rochester, N. Y.	Cushing House
McClary Mary-Martha, 2d	Windsor, Vt.	Parsons Annex
McConnell Nancy	Worcester	Clark House
McCracken Margaret Shippen	Barrington, Ill.	Wallace House
McCrum Sara Patten	Charleston, W. Va.	Hubbard House
McCullough Ruth Marie	Birmingham, Ala.	Sessions House
McGrady Jean Katharine	Fall River	Morris House
McGrath Anne Torrey	Freeport, N. Y.	Haven House
McKay Marilyn Edythe	Haverhill	Morris House
McKean Patricia Moore	Grosse Pointe, Mich.	Park House
McKee Abigail Ritchie	St Helena, Cal.	Wilder House
McKee Marcia Ann	Wellesley Hills	Talbot House
McKenzie Odessa Elizabeth	Washington, D. C.	Comstock House
McKillop Margaret Corriden	Holyoke	27 Orchard St., Holyoke
MacKinnon Donna	Maplewood, N. J.	Martha Wilson House
MacKinnon Eliza Taylor	Spokane, Wash.	Tyler House
MacKinnon Elizabeth Frances	Bronxville, N. Y.	Gillett House
MacPherson Cordelia Elizabeth	Cambridge	Baldwin House
Macuka Darinka	Westport, Conn.	Cushing House
McWane Louise Nevins	Birmingham, Ala.	Sessions House
Magee Beryl Chrisman	New York	Jordan House
Malm Barbara Jordan	Cleveland, O.	Talbot House
Manning Mary Elizabeth	Northampton	76 Vernon St.
Marantz Constance Ruth	New York	Baldwin House
Marquardt Marion Carswell	Evanston, Ill.	Morrow House

Marquez Yolanda Iola	New York	Jordan House
Marselles Marley	Waccabuc, N. Y.	Jordan House
Mattas Margaret Grace	Scranton, Pa.	Hopkins House A
Mauk Elsbeth Ann	Seattle, Wash.	Ellen Emerson House
Maule Nancy Jane	Olmsted Falls, O.	Ellen Emerson House
Maynard Margaret Mary	St Paul, Minn.	Washburn House
Mellish Diane Elaine	Williamsport, Pa.	Franklin King House
Merriam Susan	Topeka, Kan.	Wilder House
Merryweather Winifred Anne	Denver, Colo.	Sessions House
Miara Mary Ellen	Brooklyn, N. Y.	Morrow House
Michalski Helen Sylvia	Northampton	8 Spring Av.
Mickle Virginia	Darien, Ct.	Wallace House
Miller Bernice Natalie	Paterson, N. J.	Cushing House
Miller Joan Shepard	New York	Parsons House
Miller Marilyn Carol	Akron, O.	Park House
Minner Carolyn Jean	Scarsdale, N. Y.	Franklin King House
Monnet Martha Jean	Oklahoma City, Okla.	Franklin King House
Moore Anne	Westerly, R. I.	Wilder House
Moore Jane Kendall	Milwaukee, Wis.	Martha Wilson House
Mordas Irene Mary	Northampton	47 Federal St.
More Sheila	Buffalo, N. Y.	17 Henshaw Av.
Morel Agnes Therese	Hudson	Hopkins House A
Morris Nancy Louise	Madison, N. J.	Baldwin House
Morss Sally Elisabeth	Madison, N. J.	Haven House
Morton Elizabeth	Watertown	Laura Scales House
Moulton Ann	Pasadena, Cal.	Comstock House
Moyer Barbara Ellen	Wilmette, Ill.	Gillett House
Mulder Mary Lind Jane	Muskegon, Mich.	Jordan House
Muller Margaret	Arlington	Comstock House
Muller Mary Adelaide	Maplewood, N. J.	Jordan House
Murdock Sarah Martha	Washington, D. C.	Comstock House
Murphy Jean Claire	Washington, D. C.	Baldwin House
Murphy Jean Hunter	New York	Hopkins House A
Nassif Laurice Zae	Northampton	6 Ahwaga Av.
Nedrud Mary Anne	Everett, Wash.	Gillett House
Nehmer Regina Arline	Northampton	50 Maple St.
Neipris Phyllis Louise	Malden	Laura Scales House
Neville Janet Lester	West Chester, Pa.	Parsons Annex
Nickerson Margaret Miller	Cranston, R. I.	Morrow House
Noe Ruth Carrington	New Brunswick, N. J.	Lawrence House
Nolan Mary Elizabeth	Northampton	33 Winthrop St.
Norton Nancy Ann	Wayzata, Minn.	150 Elm St.
Norton Patricia Anne	Naugatuck, Ct.	150 Elm St.
Norton Virginia	Altoona, Pa.	Albright House
Ockenden Mary Elizabeth	Northampton	22 Paradise Rd
O'Connor Joyce	Erie, Pa.	Baldwin House
Opley Diane	Buffalo, N. Y.	Sessions House
Oppeler Ellen Charlotte	Cambridge	Lawrence House
Orth Ursula Grete	Tuckahoe, N. Y.	Laura Scales House
Ostow Estelle Shari	Brooklyn, N. Y.	Wilder House

Owen Cynthia Anne	Biltmore, N. C.	Tyler House
Owen Penelope	Concord, N. H.	Lawrence House
Palmer Joanne Margaret	Camden, N. J.	Albright House
Palmer Virginia Whiteford	Kansas City, Mo.	Gardiner House
Pancorbo Amey Elizabeth	Pittsfield	Lawrence House
Parcher Patricia Marie	Bala-Cynwyd, Pa.	Tyler House
Parkhurst Margaret	Winchester	Wallace House
Patrick Ruth Emelie	Mount Vernon, N. Y.	Cushing House
Peck Molly Curran	Schenectady, N. Y.	Capen House
Perkins Nancy Murray	Wyomissing, Pa.	Comstock House
Perkins Virginia Frances	Narragansett, R. I.	Wallace House
Perlman Suzanne Ruth	Chicago	Gardiner House
Perloff Bernice	Kingston, Pa.	Morris House
Perry Jacqueline Juliet	Lynbrook, N. Y.	Baldwin House
Peters Yvonne Mary	Sistersville, W. Va.	Franklin King House
Peterson Nancy Ann	Suffield, Ct.	Ellen Emerson House
Phelps Sally Estelle	Hamden, Ct.	Baldwin House
Pierce Ann Elizabeth	Evanston, Ill.	Parsons Annex
Pierce Frances Whipple	Cambridge	150 Elm St.
Pinckney Beryl Ada	Bridgeport, Ct.	Cushing House
Pinkham Sheila	Marblehead	Morris House
Plaut Marjorie	Lawrence, N. Y.	Northrop House
Pomerantz Elaine Sara	Gloversville, N. Y.	Wilder House
Poriss Rosalie Ann	Hartford, Ct.	Northrop House
Potter Frances Squire	Amherst	Northrop House
Power Sally Jean	Brookline	Hopkins House
Proctor Carolyn Jane	Southold, N. Y.	Martha Wilson House
Purtell Nancy Louise	New York	Cushing House
Pyle Julie Harriet	Waterbury, Ct.	Chapin House
Raad Martha Jo	Salem, W. Va.	Northrop House
Raucher Frances	New London, Ct.	Jordan House
Ravlin Mary Elvira	Minneapolis, Minn.	Cushing House
Ray Sara Inglis	Winchester	Hubbard House
Rector Mary Rosmond	Evanston, Ill.	Morrow House
Relf Charlotte Ellen	St Paul, Minn.	Albright House
Rend Mary Jo	Washington, D. C.	Gardiner House
Reville Lois Ann	Bronxville, N. Y.	Cushing House
Reynolds Mary Rockwell	Pittsfield	Talbot House
Reynolds Sarah Bell	Pittsfield	Capen House
Richardson Margaret Ann	New York	Talbot House
Riford Nancy Elena	Auburn, N. Y.	Talbot House
Ritchie Constance Curran	Montclair, N. J.	Morrow House
Roberts Diana	Needham	Hopkins House
Robertson Kate Foster	Scarsdale, N. Y.	Chapin House
Robinson Dorothy Sutton	Louisville, Ky.	Jordan House
Robinson Hannele Merrill	Woodstock, N. Y.	Baldwin House
Rockwood Emily Lothian	Cleveland Heights, O.	Albright House
Rogers Corinne	Northampton	123 South St.
Rogers Rosamond Wainwright	Barrington, R. I.	Talbot House
Rogers Susan	Buffalo, N. Y.	Park Annex

Rohr Constance	Long Beach, N. Y.	Northrop House
Rose Samuella Brown	New York	Martha Wilson House
Rosenblum Marilyn Ellen	Flushing, N. Y.	Chapin House
Rosenthal Doris Ann	New York	Comstock House
Rosenthal Eleanor Ann	Princeton, N. J.	Ellen Emerson House
Ross Dorothy Evelyn	Geneva, Ill.	Tyler House
Ross Helen Elizabeth	Orange, N. J.	Caben House
Rothberg Charlotte Finn	Dorchester	Laura Scales House
Rotner Phyllis	New York	Comstock House
Roush Joanne	Pittsburgh, Pa.	Wesley House
Rouss Jeanne Barbara	Newburgh, N. Y.	Washburn House
Rowe Gloria Anne	Cooperstown, N. Y.	Hopkins House A
Rubin Raenelle	Cleveland, O.	Jordan House
Rubman Janice Roslyn	Poughkeepsie, N. Y.	Cushing House
Ruse Mary Ann	Northampton	37 Prospect St.
Russell Jean Marie	Meadville, Pa.	Cushing House
Russell Patience	Pittsford, N. Y.	Morris House
Rust Mary Louise	Denver, Colo.	Caben House
Rutherford Sally Christie	New York	Hopkins House B
Sahlman Cecilia Gertrude	Hewlett, N. Y.	Gillett House
Sanborn Mary Elizabeth	Ashland	Morris House
Sanborn Sarah Judith	Cambridge	Morrow House
Sanger Mary Eleanor	Cambridge	Albright House
Sangree Anne	Kenmore, N. Y.	Chapin House
Sayford Elizabeth Baxter	Bloomfield, N. J.	Northrop House
Schelling Joan Wolverton	Westport, Ct.	Wallace House
Schenck Mary Brett	Englewood, N. J.	Talbot House
Schill Lucille Kathryn	Flushing, N. Y.	Washburn House
Schiller Jane Bradley	Greenwich, Ct.	Park Annex
Schmidt Theda Harriet	Forest Hills, N. Y.	Wilder House
Schoenberger Miriam	New Rochelle, N. Y.	150 Elm St.
Schwartz Carolyn Susan	Allentown, Pa.	Ellen Emerson House
Scott Catherine Clemens	Grosse Pointe Park, Mich.	Baldwin House
Scripture Joan Kirk	Cleveland Heights, O.	Morris House
Seabrook Margaret Dale	Bridgeton, N. J.	Hopkins House B
Semon Katharine Scofield	Cleveland Heights, O.	Morris House
Shabshelowitz Hannah Adel	Fall River	Tyler House
Shapiro Sylvia June	Cincinnati, O.	Jordan House
Sherbrooke Courtney Withington	Waban	Wesley House
Shreve Anne Hastings	Erie, Pa.	Cushing House
Sisson Nancy	Woods Hole	Albright House
Sivey Barbara Jean	Alliance, O.	Albright House
Skelly Marion Fulton	Westfield, N. J.	Talbot House
Skemp Jo Ann Marilyn	Vandergrift, Pa.	Comstock House
Slatrow Irene	Everett	Cushing House
Slocombe Janet Lillian	Northampton	50 Phillips Pl.
Smissen Frances Nell	Fort Valley, Ga.	Albright House
Smith Barbara Jean	Milford, Ct.	150 Elm St.
Smith Deborah Perry	Toronto, Canada	Morrow House
Smith Grace Lechner	Northampton	18A Orchard St.

Smith Janet Appleby	Lakewood, O.	Wallace House
Smith Judith Potter	Lakeville, Ct.	Cushing House
Smith Lucia Mary	Cleveland, O.	Hubbard House
Smith Peggy Diane	Rutland, Vt.	Talbot House
Snider Hannah Mathilda	Lincoln	Wesley House
Southgate Patricia Brigham	Washington, D. C.	Tyler House
Spaulding Jane Hawley	Garden City, N. Y.	79 Elm St.
Spaulding Joan Mercedes	Garden City, N. Y.	79 Elm St.
Spencer Lydia	Cambridge	150 Elm St.
Spencer Sally Kemp	Barrington, Ill.	Wallace House
Sperry Cynthia Seabury	Waterbury, Ct.	Laura Scales House
Spoont Deborah Benjamin	Hazleton, Pa.	Hopkins House
Staats Juliette Gay	Charleston, S. C.	Clark House
Stair Margaret Grace	Highland Park, Ill.	Morris House
Staubus Frances Ann	Clovis, N. M.	Albright House
Steinway Lydia Goodwin	New York	Wallace House
Sterling Harriet Armstrong	Portland, Ore.	Baldwin House
Sternheimer Virginia Bianca	Richmond, Va.	Cushing House
Stewart Doris Jean	Latrobe, Pa.	Comstock House
Stocking Barbara Colby	Avon, Ct.	Albright House
Stone Helen Warfield	West Orange, N. J.	Parsons Annex
Storer Rae	Denver, Colo.	Comstock House
Straka Carol Anne	Hartford, Ct.	Baldwin House
Street Dorothy Rouse	Oak Park, Ill.	Wallace House
Streitel Patricia Ann	Floral Park, N. Y.	Albright House
Strong Maria Adele Le Brun	Upper Montclair, N. J.	Wesley House
Strong Sarah Alice	Rochester, N. Y.	Clark House
Stugard Shirley Lou	New Rochelle, N. Y.	Hopkins House
Sturges Cary Sutherland	Princeton, N. J.	Park Annex
Sutton Anne Vaughan	Northampton	122 Green St.
Sweeney Sheila Elizabeth	West Newton	Northrop House
Taylor Barbara Wyndham	St Louis, Mo.	Gardiner House
Taylor Caroline Alice	New York	Martha Wilson House
Taylor Cicely Ellsworth	Northampton	55 Dryads Green
Taylor Jeanne Constance	Florence	194 N. Maple St., Florence
Thomas Elizabeth Carleton	New Haven, Ct.	Wesley House
Thompson Joan	Tacoma, Wash.	Cushing House
Thompson Sarah Goodwin	Grosse Pointe, Mich.	Baldwin House
Thomson Jane	New York	Lawrence House
Thomson Lillias Gilroy	Springfield	Jordan House
Thomson Virginia Ruth	Milwaukee, Wis.	Baldwin House
Thorn Grace Borden	Palmyra, N. Y.	Morrow House
Thorndike June	Cowesett, R. I.	Cushing House
Thorpe Sally Jane	East Orange, N. J.	Wilder House
Tourover Blanche Mendelle	Washington, D. C.	Laura Scales House
Travis Arvilla Scureman	Kingston, Pa.	Dewey House
Treadway Ann Louise	West Hartford, Ct.	Parsons Annex
Trowbridge Janet Sherman	Washington, D. C.	Tyler House
Tunstall Joan	Leominster	Comstock House
Turino Rita Jane	Brooklyn, N. Y.	Parsons Annex

Tyler Alice May	Partlow, Va.	Albright House
Vail Ann Elizabeth	Chicago	Wesley House
Van Orden Judith Durland	Pottersville, N. J.	Talbot House
van Winkle Helen Letitia	Northampton	277 Crescent St.
Vick Barbara Goodwin	Bronxville, N. Y.	Park House
Vincent Alice Seymour	Newtonville	Wallace House
Von Till Barbara Jane	Freeport, N. Y.	Albright House
Vose Martha Alden	Oklahoma City, Okla.	Northrop House
Wadsworth Mary Frances	Council Bluffs, Ia.	Park House
Walbridge Mary Sherman	Toledo, O.	Parsons Annex
Waldorf Phyllis Glahn	Portland, Ore.	Morrow House
Ward Anne Allerton	South Orange, N. J.	150 Elm St.
Waterbury Cynthia Livingston	New York	Talbot House
Watters Sally Russell	Scarsdale, N. Y.	Park House
Weaddock Penelope Nesta	Grosse Pointe Farms, Mich.	Comstock House
Weed Frances Elaine	Park River, N. D.	Park House
Weinstein Alexandra	New York	Cushing House
Weisberg Adrienne	New York	Northrop House
Weiss Esther Angelica	Bethlehem, Pa.	Cushing House
Wentworth Mary Louise	Kennebunk Beach, Me.	Lawrence House
Werlin Ruth	Malden	Baldwin House
Westlake Susan Jenefer	Swanage, England	Lawrence House
Whelden Elizabeth McLeod	Grosse Pointe, Mich.	Hubbard House
Whelden Roxane Hopkins	Grosse Pointe Farms, Mich.	Hubbard House
Wilcox Carol Alice	Milwaukee, Wis.	Laura Scales House
Williams Cynthia Edwards	Rosalia, Kan.	Northrop House
Williams Virginia Lettice	New York	Hopkins House
Willson Joan	Faribault, Minn.	Martha Wilson House
Wilmot Jean Louise	Hazleton, Pa.	Park Annex
Winship Stephanie	Wakefield	Parsons House
Woleben Eulalie Helen	Wilmette, Ill.	Tyler House
Wolfner Nancy Carol	Detroit, Mich.	Tyler House
Wolpert Cyra Rona	Fall River	Comstock House
Wood Jean Virginia	Kansas City, Mo.	Cape House
Woodbury Charlotte Reed	Bedford, N. H.	Gillet House
Woodcock Martha-Jane Selby	Greenwich, Ct.	Jordan House
Woods Patricia Walton	Short Hills, N. J.	Clark House
Wright Joan Story	Princeton, N. J.	Tyler House
Wuerth Elizabeth Mitchell	Montclair, N. J.	Talbot House
Wyeth Caroline Foster	Beverly	Ellen Emerson House
Yankauer Susan Josephine	New York	Gardiner House
Yeaw Carol Hinman	Orange, N. J.	Talbot House
Zerbey Elizabeth Ann	Pelham Manor, N. Y.	Talbot House
Ziff Ina Linda	Holyoke	Wilder House
Zimmermann Helene	Haverford, Pa.	Park House
	Freshman Class, 587	

SOPHOMORE CLASS

Abrams Patricia Nancy	McKeesport, Pa.	Tyler House
Adelman Adrienne Jane	Great Neck, N. Y.	Morris House

Adelson Judith Irma	Newport, R. I.	Tyler House
Agranovitch Dorothy Pearl	Norwich, Ct.	Morrow House
Albright Dorothy Parsons	Syracuse, N. Y.	Baldwin House
Aldrich Janet Gordon	Providence, R. I.	Haven House
Allen Betty Jane	Englewood, N. J.	Washburn House
Allison Catharine Brown	Akron, O.	91 Elm St.
Anderson Mary Stuart	Louisville, Ky.	Martha Wilson House
Anderson Sara Jane	Lake Forest, Ill.	Parsons Annex
Andrus Margaret Lucy	Bronxville, N. Y.	Parsons House
Atkins Muriel Rita	Belleville, N. J.	Parsons House
Atwood Natalie	Madison, Ct.	Northrop House
Auer Joan Lorelei	Pelham, N. Y.	Gardiner House
Auger Margaret Louise	Ridgewood, N. J.	Wilder House
Backer Ferdinand Legaré	Charleston, S. C.	Northrop House
Bacon Heloise Lysle	Pasadena, Cal.	Jordan House
Bacon Rebecca Dare	Fort Devens	Hubbard House
Bain Elizabeth Anne	Amherst	Northrop House
Bainton Joyce	Woodbridge, Ct.	German House
Baird Beverly Maxwell	Riverside, Ct.	Wallace House
Baker Barbara Joan	Ridgewood, N. J.	Comstock House
Baker Joan Prentis	New York	Park House
Balise Judith Elma	Northampton	235 State St.
Ball Barbara Brooks	Flint, Mich.	Gardiner House
Ballou Janet Crabbe	Wellesley Hills	Talbot House
Banks Elizabeth Blackwell	Middletown, Ct.	Gardiner House
Barap Miriam Louise	Brookline	Comstock House
Barnes Alice Ann	Winnetka, Ill.	Parsons House
Barrett Jeanne Stone	Devon, Pa.	Albright House
Bartlett Beatrice Sturgis	New Haven, Ct.	Morrow House
Bartlett Constance	New York	German House
Bates Barbara	Auburn, N. Y.	Hubbard House
Baxter Ann	Northampton	Gillett House
Beatty Patricia Shoemaker	West Chester, Pa.	79 Elm St.
Bench Mary Elizabeth	Englewood, N. J.	Parsons House
Berg Mary Janet	Highland Park, N. J.	Comstock House
Bergen Mary Jane	Pelham Manor, N. Y.	Hopkins House A
Bernstein Ruth Helen	Brooklyn, N. Y.	79 Elm St.
Berrien Leigh	Montclair, N. J.	Jordan House
Berry Anne Elizabeth	Northampton	26 Olive St.
Berry Margaret Winthrop	Worcester	Tyler House
Bilooin Ruth Ellen	New York	Park House
Black Lucy Landon	Montevallo, Ala.	Park House
Blago Mariana	Mexico, D. F., Mexico	Caben House
Blaine Charlotte Winthrop	New York	Parsons House
Blodgett Cynthia	Greenwich, Ct.	Morris House
Bloomberg Miriam	Beach Bluff	79 Elm St.
Blumenthal Joan	West Hartford, Ct.	Gillett House
Boniface Bonna Daix	Linwood, N. J.	Laura Scales House
Bortman Jane Carol	Newton Center	Gillett House
Bowe Kate Albro	Syracuse, N. Y.	Gardiner House

Bowers Elizabeth Sauls	Charleston, S. C.	Morrow House
Bradford Rebecca Crowninshield	Cambridge	Talbot House
Brett Clare	Fairfield, Ct.	Hopkins House B
Bridgman Anita Page	San Francisco, Cal.	Cushing House
Brown Janet Anita	Oak Park, Ill.	Washburn House
Browning Carol Dean	Ogden, Utah	Jordan House
Bryant Jean Francis	Hatfield	North St., Hatfield
Buckley Phyllis Helene	Bronxville, N. Y.	Baldwin House
Buell Eleanor Pillsbury	Grosse Pointe Farms, Mich.	Park House
Bumstead Barbara Anne	Seattle, Wash.	Park House
Bumsted Barbara Ann	Montclair, N. J.	Gardiner House
Bungenstab Vilma Elise	Montclair, N. J.	Albright House
Burch Elise Winchester	Chicago	Chapin House
Burditt Mary Louise	Rutland, Vt.	Chapin House
Burk Emily Mable	Pittsburgh, Pa.	Capen House
Burlin Barbara	Chicago	Talbot House
Burns Elinor Prudden	New Haven, Ct.	Northrop House
Burpee Elizabeth Holliday	Bronxville, N. Y.	Tyler House
Burrows Vernon	Houston, Tex.	79 Elm St.
Burwell Doris Elizabeth	Winsted, Ct.	91 Elm St.
Bush Anna Ella	Waterbury, Ct.	Tenney House
Butler Alida	St Paul, Minn.	Dawes House
Butler Gillian MacGeagh	North Conway, N. H.	Franklin King House
Cahill Patricia Cathleen	Brockton	Hopkins House A
Callahan Patricia Kathryn	Troy, N. Y.	Morris House
Callery Virginia Roberdeau	New York	Capen House
Campbell Shirley Willett	Maplewood, N. J.	Hopkins House B
Carlson Helen	Fairbanks, Alaska	Albright House
Carpenter Jane Anne	Plandome, N. Y.	Haven House
Carpenter Ruth Story	Brooklyn, N. Y.	Martha Wilson House
Carter Barbara	Cleveland, O.	Dewey House
Carver Priscilla Jane	Bethel, Me.	Dewey House
Case Marietta Lou	Benzonia, Mich.	Lawrence House
Cassetti Gloria Angela	Elmira, N. Y.	Northrop House
Chandler Jean Louise	Northampton	Rockland Heights
Chandler Martha Helen	New Haven, Ct.	Haven House
Chandler Sophie	Wilmington, Del.	Sessions House
Chapin Barbara Adams	Ann Arbor, Mich.	Cushing House
Chapman Page	Baltimore, Md.	Morris House
Clark Jean	Pittsburgh, Pa.	Franklin King House
Clarkson Nancy Jane	Pittsburgh, Pa.	Comstock House
Clements Marian Frances	Miami Beach, Fla.	Cushing House
Cochran Jacqueline Lucienne	Morristown, N. J.	Cushing House
Cohen Judith Ann	New Haven, Ct.	91 Elm St.
Collette Margaret Sabin	Pelham Manor, N. Y.	Wilder House
Collins Eleanor White	West Hartford, Ct.	Comstock House
Comey Nancy Gill	Cleveland, O.	Haven House
Congdon Barbara	Duluth, Minn.	Northrop House
Congdon Melisande	Southbury, Ct.	Lawrence House
Connors Helen Elizabeth	Ottawa, Canada	Baldwin House

Cook Elizabeth Ann	Glencoe, Ill.	79 Elm St.
Cornu Mary Elizabeth	Seattle, Wash.	Comstock House
Coughlin Jolita Ann	Honolulu, Hawaii	Park Annex
Counseller Virginia Anne	Rochester, Minn.	Wesley House
Cox Virginia Grace	Bismarck, N. D.	Hubbard House
Craig Margaret Oliver	North Marshfield	Laura Scales House
Crawford Frances Stratton	Memphis, Tenn.	Gardiner House
Creed Elizebeth Jane	Boston	Park Annex
Critchlow Joan	Dover Plains, N. Y.	Ellen Emerson House
Cuneo Lorna	Kansas City, Mo.	Washburn House
Cunningham Elizabeth Jean	Janesville, Wis.	Tenney House
Cunningham Frederica Jane	South Bend, Ind.	91 Elm St.
Currier Elizabeth Harrison	Short Hills, N. J.	Wilder House
Dalby Helen Gay	Riverside, Ct.	Gardiner House
Damaskinidou Artemis Damaskinos	Salonica, Greece	Baldwin House
Darmon Martine	Casablanca, Morocco	Wallace House
Davidson Joyce Enid	New Haven, Ct.	Hopkins House B
Davis Joan Barbara	New York	Ellen Emerson House
Davis Susanne	Biltmore, N. C.	91 Elm St.
Dawson Martha Helene	Santiago, Chile	Franklin King House
Deile Lois Emma	Maplewood, N. J.	Cushing House
Deitch Naida Doris	Manchester, N. H.	Jordan House
Deitz Louise Scott	Westfield, N. J.	Franklin King House
Deming Joan	Hamden, Ct.	Martha Wilson House
Denkert Beverly Ann	Johnstown, N. Y.	Gillett House
Denning Carolyn	Chadds Ford, Pa.	Ellen Emerson House
Dewson Beatrice Inglee	Ridgewood, N. J.	Martha Wilson House
Doehler Doris Angela	Newton	Lawrence House
Dorsey Rhoda Mary	Newton	Lawrence House
Drinker Suzanne Greene	Cambridge	Clark House
Dudley Anne Gilbert	Bronxville, N. Y.	Morris House
Dunn Henrietta Stanfield	Scarsdale, N. Y.	Gillett House
Dunn Jean Morrow	Minneapolis, Minn.	Capen House
Eckhardt Barbara Rowe	Scarsdale, N. Y.	Tyler House
Eells Jean Chisholm	Cleveland, O.	Morris House
Ellis Dorothy Leah	Roselle Park, N. J.	91 Elm St.
Elmer Jean Taylor	West Hartford, Ct.	Dawes House
Emil Judy Anne	Brooklyn, N. Y.	Martha Wilson House
Emory Josephine Susan	Sharon, Ct.	Franklin King House
English Nancy Anne	Needham	Hopkins House B
Exley Margaret Jean	Houston, Tex.	Gillett House
Fagioli Florence Angela	Springfield	Albright House
Faulkner Pamela Joyce	Northampton	Morrow House
Feldman Ella	West Hartford, Ct.	Franklin King House
Ferguson Betsy Gray	New Haven, Ct.	Cushing House
Ferguson Julian	San Francisco, Cal.	Washburn House
Ferguson Virginia Anne	Hutchinson, Kan.	Cushing House
Fields Mary Catherine	New Haven, Ct.	Gardiner House
Filler Carol Betsy	New York	Jordan House

Finn Mary Lee	Bedford Hills, N. Y.	Parsons House
Fisch Genevieve Madeline	New York	Wilder House
Fischler Betty Joyce	New York	79 Elm St.
Fistere Joanne Hermione	St Louis, Mo.	Wilder House
Fletcher Joan	Berkeley, Cal.	Baldwin House
Frankel Helene Joyce	Toronto, Canada	Martha Wilson House
Frantz Sarah Wistar Morton	Princeton, N. J.	Ellen Emerson House
Frayn Joan Stuart	Longview, Wash.	Martha Wilson House
Fredericks Diana Christine	Bradford, Pa.	79 Elm St.
French Carolyn	Nashua, N. H.	Dawes House
French Katherine Lyon	Weston	Hopkins House B
Friedlander Joan E.	Cincinnati, O.	Hubbard House
Frisby Anne Katherine	Rockville Center, N. Y.	Wilder House
Fuller Emily Gilman	Providence, R. I.	Sessions House
Gaillard Monica Blodgett	Washington, D. C.	Capen House
Gamache Pauline Gloria	New Bedford	Tenney House
Gauss Janet Humphrey	Kalamazoo, Mich.	Laura Scales House
Gennes Nancy	Brooklyn, N. Y.	Wilder House
Gildemeister Sabina Elizabeth	Lima, Perú	Baldwin House
Gindorff Ghislaine	Brooklyn, N. Y.	Hopkins House B
Golden Anita Doris	Brooklyn, N. Y.	Martha Wilson House
Goodbody Alice Telford	Upper Montclair, N. J.	Washburn House
Goodell Ellen	South Orange, N. J.	Park House
Gould Sesaly	Hopewell, N. J.	Capen House
Gray Katherine Fielding	Hudson, O.	Talbot House
Green Lois Katherine	New York	Lawrence House
Green Nancy Kingston	Springfield, Ill.	Chapin House
Greer Nancy Ann	Belmont	Franklin King House
Gregory Joan	San Francisco, Cal.	Morris House
Griffin Ann Teresa	Newton	Wallace House
Griffith Hannah Webster	Pasadena, Cal.	Sessions House
Guthrie Jean Gage	Minneapolis, Minn.	Parsons House
Hamilton Joanne Florence	Passumpsic, Vt.	Tenney House
Handley Martha Carolyn	Chappaqua, N. Y.	Albright House
Hapgood Mary Elizabeth	Santa Fe, N. M.	Clark House
Harrington Margot	Oklahoma City, Okla.	Franklin King House
Harris Jean Collins	Pittsburgh, Pa.	Cushing House
Harris Mary Thérèse	Millbury	Northrop House
Hartman Naomi Carolyn	Harrisburg, Pa.	Martha Wilson House
Hawley Patricia Anne	Cincinnati, O.	Wilder House
Hays Elizabeth Clarissa	Amherst	Hopkins House B
Heard Margaret Neale	Pittsburgh, Pa.	Parsons House
Heilbron Amelia Thompson	Philadelphia, Pa.	Dawes House
Heilman Glenda	Tarentum, Pa.	Comstock House
Henderson Anne Schneider	Washington, D. C.	German House
Henderson Anne Veronica	Darien, Ct.	Northrop House
Henderson Sarah McLouth	Rochester, N. Y.	Comstock House
Hertz Lois Carolyn	Pittsburgh, Pa.	Ellen Emerson House
Hidden Marion Elizabeth	Lunenburg	Park Annex
Hillas Barbara Ann	Madison, N. J.	Laura Scales House

Hodgson Linda Jane	Montreal, Canada	Park House
Holden Penelope Lancaster	New Canaan, Ct.	Hopkins House A
Holt Elizabeth Kent	Portland, Me.	11 Henshaw Av.
Holt Mary Kathleen	Summit, N. J.	Wilder House
Hornickel Ella Platt	Cleveland, O.	Talbot House
Hotchkis Joan	San Marino, Cal.	Parsons House
Houley Janet Margaret	Rochester, N. Y.	Parsons House
Howeth Virginia Lee	Washington, D. C.	Tyler House
Hughes Ann Duke	Lee	Morrow House
Hull Shirley Jean	Wheaton, Ill.	Laura Scales House
Hunter Barbara Josephine	Allison Park, Pa.	Comstock House
Huntoon Frances	Providence, R. I.	Clark House
Hurd Priscilla	Greenville, N. H.	Martha Wilson House
Hutchins Helen	Grand Rapids, Mich.	Talbot House
Hutchinson Ann Elizabeth	Portland, Ore.	Baldwin House
Jackson Marion Louise	Berkeley, Cal.	Jordan House
Jackson Mildred Evelyn	Fall River	Lawrence House
Jacober Joan Betty	Scarsdale, N. Y.	Morris House
Janeway Elsie Ogden	South Londonderry, Vt.	Hopkins House B
Jarvis Nancy Dixon	Fairfield, Ct.	Jordan House
Jastram Edythe Marian	Fremont, Neb.	91 Elm St.
Jeanmaire Mildred	Brooklyn, N. Y.	Wilder House
Jenks Anne Lavinia	Bedford	Albright House
Jerome Patricia Ann	Grosse Pointe, Mich.	Hopkins House A
Jeter Patti Jo	Oklahoma City, Okla.	Franklin King House
Johnson Joanne Tudhope	New Haven, Ct.	Cushing House
Jones Dorothy Franklyn	Providence, R. I.	Northrop House
Jones Jean Lois	Lebanon, Pa.	Wilder House
Joslin Marilyn	South Lyndeboro, N. H.	Albright House
Judkins Francesca	Haverhill	Talbot House
Judson Mona	Lowville, N. Y.	Ellen Emerson House
June Dorothy Elizabeth	Stamford, Ct.	Morrow House
Kaltenback Alice Katharine	Bronxville, N. Y.	Washburn House
Kasakian Taquhi	Brooklyn, N. Y.	Martha Wilson House
Kean Mary Alice	New York	91 Elm St.
Keating Ann Elizabeth	Bridgeport, Ct.	Dewey House
Kelsey Lois Peniston	East Orange, N. J.	Talbot House
Kennerdell Lucie Augustin	Cleveland, O.	Morris House
Kiddoo Helen Louise	Winnetka, Ill.	Hopkins House B
Kiely Louise Theresa Fenton	Amherst	Morrow House
Kingsbury Melicent Ames	Pelham, N. Y.	Tenney House
Knapp Virginia Frances	Lake Mahopac, N. Y.	Jordan House
Knowlton Valerie Young	Augusta, Me.	Jordan House
Krohngold Hilda Janice	Utica, N. Y.	Talbot House
Kuhn Nancy Harrison	Kansas City, Mo.	Gardiner House
Kussin Louisa Alcott	Concord	Gillett House
La Croix Susanne	Chestnut Hill	Talbot House
Ladds Mary	Cleveland, O.	Parsons House
La Guardia Olive Virginia	New York	Morrow House
Laub Mary Lois	Akron, O.	Cushing House

Leavell Barbara Hazard	New York	Wesley House
Lee Anne Brooke	Philadelphia, Pa.	Morris House
Lee Gayle	Bedford, N. Y.	Hubbard House
Lee Julia Rensselaer	Princeton, N. J.	Parsons House
Lee Laura Wayne	Philadelphia, Pa.	Morris House
Leggett Lois Carol	Braintree	German House
Leonard Barbara	Swampscott	Talbot House
Leonard Charlene Marie	Descanso, Cal.	Northrop House
Levine Joan Ruth	West Englewood, N. J.	Ellen Emerson House
Levy Harriet Mildred	Newton Center	91 Elm St.
Lieberman Barbara Janet	Lawrence, N. Y.	Hopkins House B
Linehan Mary Alice	Lynn	Hopkins House A
Lipshires Evelyn Leah	Northampton	Baldwin House
Lithgow Marjorie Hillas	Morristown, N. J.	Hopkins House B
Littell Alisa Damrosch	New York	Morris House
Lloyd-Jones Joanne	New York	Gillett House
Loewenstein Steffi Ruth	Binghamton, N. Y.	Capen House
Lopin Patricia Ann	Cedarhurst, N. Y.	Capen House
Ludlow Alice Elizabeth	Elizabeth, N. J.	Morrow House
Lukach Ann	New York	Cushing House
Lyman Paula	Northampton	177 Prospect St.
Lyndon Frances Fort	Pittsburgh, Pa.	Morris House
Lyons Margaret Tolman	Reading	Laura Scales House
McCooey Helen Cornell	Brooklyn, N. Y.	Cushing House
McCormick Martha	Providence, R. I.	Wallace House
McCoun Mary Elisabeth	Garden City, N. Y.	Wallace House
McCrillis Sally Evelyn	Newport, N. H.	91 Elm St.
McCullough Patricia Jean	Stamford, Ct.	Comstock House
McDougall Margaret	Wellesley Hills	Talbot House
MacGuire Alice Marie	New York	Ellen Emerson House
Mackenzie Alison	New York	Talbot House
McLane Mary Craig	Manchester, N. H.	Dawes House
McLaughlin Anne Lenore	Turners Falls	17 Park St., Turners Falls
McLaughlin Hollis Louise	Lake Forest, Ill.	Wilder House
Macomber Abigail	West Newton	Ellen Emerson House
Mahn Nancy	Worcester	Jordan House
Manchee Cynthia Winship	Nutley, N. J.	Morrow House
Marshall Elizabeth Howe	Providence, R. I.	Wesley House
Marshall Nancy	Bethlehem, Pa.	Cushing House
Martin Phyllis Jane	Lansdowne, Pa.	Franklin King House
Matern Jane Elizabeth	Schenectady, N. Y.	German House
Matsis Eleanor Louise	Nashua, N. H.	Albright House
Mayer Katharine Lathrop	Old Bennington, Vt.	Morrow House
Means Harriet Louise	Columbus, O.	79 Elm St.
Menefee Frances Ravenel	Pinehurst, N. C.	79 Elm St.
Merchant Elizabeth Mixson	Charleston, S. C.	Hopkins House B
Merrill Sarah Jane	Webster Groves, Mo.	91 Elm St.
Miles Anna Mary	New Haven, Ct.	Cushing House
Millar Brenda	Larchmont, N. Y.	91 Elm St.
Miller Margaret Harrison	Louisville, Ky.	Sessions House

Milligan Mary-Clare	Worcester	Chapin House
Mills Marilyn Sturges	Brooklyn, N. Y.	Wilder House
Mills Marjorie Munson	Minneapolis, Minn.	Martha Wilson House
Mills Nancy Arabel	Cleveland, O.	Hubbard House
Mitchell Janet	Millburn, N. J.	Haven House
Mitchell Victoria Irene	Baltimore, Md.	Northrop House
Mogil Judith Laura	New York	Tenney House
Mollison Jean Katharine	Wellesley Hills	Gardiner House
Molthan Marian Emilie	Wayne, Pa.	Capen House
Moog Barbara Wilhelmina	Northampton	Comstock House
Moore Carin Ethel	Princeton, N. J.	Chapin House
Moore Marion Irene	Chicago	Talbot House
Morse Sylvia Field	Hanover, N. H.	Lawrence House
Morton Lea	Cambridge	Sessions House
Morton Mary	Watertown	Jordan House
Moscatelli Gloria Mary	New York	11 Kensington Av.
Mumford Alice Mason	Evanston, Ill.	Wallace House
Munro Eleanor Carroll	Cleveland Heights, O.	Hubbard House
Murdoch Joan	Newton Highlands	Lawrence House
Murray Margaret Trowbridge	Pittsburgh, Pa.	Talbot House
Neiley Alice George	Winchester	Wilder House
Newbury Sylvia	Chestnut Hill	Martha Wilson House
Newell Elizabeth Jane	Montclair, N. J.	Hopkins House B
Newell Naomi	Lincoln	Gillett House
Newton Carol Rita	Drexel Hill, Pa.	Lawrence House
Nichols Genevieve	Northampton	German House
Noe Margaret Wilber	New Brunswick, N. J.	Albright House
Noll Hope Valentine	Greenwich, Ct.	Comstock House
Nones Norma	Larchmont, N. Y.	Northrop House
Nore Nancy Sylvia	Worcester	Park Annex
Norris Anne Johns	Easton, Md.	Hubbard House
Nussbaumer Nancy Dudley	Buffalo, N. Y.	Gardiner House
Nye Priscilla Mary	St Paul, Minn.	Martha Wilson House
Olander Suzanne Elizabeth	Sylvania, O.	Gardiner House
Openchowska Helen Irvin Michalina	Newark, N. J.	Northrop House
Orr Joan Bodkin	Worcester	Wallace House
Pace Helen Esther	Columbus, O.	Dawes House
Park Mary Jane	Jackson Heights, N. Y.	Wesley House
Pass Adelaide Salisbury	Syracuse, N. Y.	17 Henshaw Av.
Payne Katherine Whitney	Mount Vernon, N. Y.	Morrow House
Pease Sara	Springfield	Albright House
Pedersen Ladonna Mary	Manchester, Minn.	Jordan House
Pediconi Flavia Domitilla	Kennebunkport, Me.	Talbot House
Pels Helen Patricia	Baltimore, Md.	Tyler House
Pendergast Elizabeth Winning	Toledo, O.	Hopkins House B
Pennypacker Eleanor Coolidge	Haddonfield, N. J.	Chapin House
Penrose Frances Drexel	Devon, Pa.	Northrop House
Perrin Hellen Eva	Denver, Colo.	Morris House
Pfaff Joanna	Park Ridge, Ill.	Morris House
Phelan Rosemary Ellen	Fall River	Capen House

Pinkham Alice Arnold	Milton	Chapin House
Piper Katharine Louise	Hartford, Ct.	Albright House
Place Patience Ann	Chattanooga, Tenn.	Albright House
Podoloff Ann Dorothy	Bethany, Ct.	Laura Scales House
Pratt Mary Jane	West Hartford, Ct.	Morrow House
Prince Helen Adelaide	Grand Island, Neb.	Hopkins House A
Pryor Mary Taylor	Greenwich, Ct.	Capen House
Pughe Frances	Buffalo, N. Y.	Northrop House
Pyke Patricia Mary	Crystal Lake, N. J.	Wilder House
Pynchon Patricia Bennett	Lima, Perú	Tyler House
Quarles Elizabeth Whittemore	Englewood, N. J.	Gardiner House
Quitzau Margery Claire	Teaneck, N. J.	Dewey House
Raskin Judith Ann	Yonkers, N. Y.	Baldwin House
Rawitser Joan Margaret	Hartsdale, N. Y.	Gardiner House
Reed Caroline Elizabeth	Washington, D. C.	Hubbard House
Reed Cecelia Ann	Louisville, Ky.	Morris House
Reed Claire Johanna	Woodmere, N. Y.	Haven House
Reed Kathryn Virginia	Rye, N. Y.	Baldwin House
Reeve Elizabeth Louise	South Orange, N. J.	Lawrence House
Reich Dorothy	Jersey City, N. J.	Parsons Annex
Remer Marion Scott	Saginaw, Mich.	Cushing House
Rex Ruth Elizabeth	Binghamton, N. Y.	Martha Wilson House
Risley Ada Frances	Waterville, Me.	Ellen Emerson House
Robbins Suzanne Franklin	Pittsburgh, Pa.	Laura Scales House
Roberts Virginia	Scarsdale, N. Y.	Haven House
Robertson Dorothy Stuart	Fort Smith, Ark.	Dewey House
Robertson Genevieve Elizabeth	Kansas City, Mo.	Gardiner House
Robinson Sarah Campbell	Scarsdale, N. Y.	Albright House
Rockwell Elizabeth	West Hartford, Ct.	Capen House
Rodie Marion Louise	Bridgeport, Ct.	Gillett House
Rogers Alice Ross	Minneapolis, Minn.	Sessions House
Rogers Judith	Northampton	123 South St.
Rooney Eileen Patricia	Dedham	Park House
Roos Nancy Churchill	Riverside, Ct.	Hopkins House B
Roth Geraldine Edna	Hartford, Ct.	Albright House
Rowan Audrey Arden	Hamden, Ct.	Wilder House
Ruffin Jean Morrison	Pittsburgh, Pa.	91 Elm St.
Ruggles Elisabeth Ann	Evanston, Ill.	Laura Scales House
Russell Margaret Hall	St Paul, Minn.	Cushing House
Russell Nancy Cynthia	Brookline	Martha Wilson House
Ryan Susan Elizabeth	Pelham Manor, N. Y.	Ellen Emerson House
Rykken Suzanne Lee	Bellingham, Wash.	Northrop House
Safford Cynthia West	Cincinnati, O.	91 Elm St.
Salisbury Mary Montgomery	New Brunswick, N. J.	Ellen Emerson House
Sawyer Elizabeth Lane	Sanbornville, N. H.	Chapin House
Scheinler Janice Elaine	South Nyack, N. Y.	Chapin House
Schoen Cynthia Le Baron	Seattle, Wash.	Franklin King House
Schweppe Beverley Bradford	Scarsdale, N. Y.	Hopkins House A
Sciorra Bernice Victoria	New York	Morrow House
Scott Alice Ann	Rochester, N. Y.	Franklin King House

Scripture Anne Eugenia	Cleveland Heights, O.	Wallace House
Scully Ruth Margaret	Worcester	Albright House
Seixas Suzanne	Berkeley, Cal.	Martha Wilson House
Sellers Nelle Brown	Aniston, Ala.	Martha Wilson House
Shamash Hilda	New York	Jordan House
Shannon Adlyn Anne	Houston, Tex.	Lawrence House
Shannon Mary Ellen	Laconia, N. H.	Park House
Shapiro Beverlee Muriel	Jersey City, N. J.	Washburn House
Shapiro Harriet Selma	Newburgh, N. Y.	Chapin House
Sharpe Barbara Frances	Norwich, Ct.	Tyler House
Sherberg Audrey Elizabeth	New Bedford	Albright House
Shiragian Sonia	Teanack, N. J.	Hopkins House B
Shirley Jane Louise	Great Neck, N. Y.	Morrow House
Short Sylvia Wheeler	Concord	Albright House
Showalter Sallie May	Greenwich, Ct.	Tyler House
Siefkin Elizabeth Capps	Glencoe, Ill.	79 Elm St.
Singer Barbara Ann	Brooklyn, N. Y.	Comstock House
Smith Alice Mary Fairbank	West Hartford, Ct.	91 Elm St.
Smith Barbara Anne	Pittsfield	Northrop House
Smith Hope Prior	Bayside, N. Y.	Albright House
Smith Jo Ann	Akron, O.	Wilder House
Smith Margery Page	Hingham	Franklin King House
Smith Nancy Matthews	Coconut Grove, Fla.	Martha Wilson House
Smith Nancy Winchester	Swampscott	Hopkins House B
Smith Patricia Ann	Metuchen, N. J.	Ellen Emerson House
Smith Pauline Elizabeth	Shelby, O.	Gillett House
Smith Sara Davidson	Glens Falls, N. Y.	Martha Wilson House
Somers Estelle Virginia	Brooklyn, N. Y.	Laura Scales House
Spencer Elisabeth Lee	South Pasadena, Cal.	Dawes House
Spencer Margaret Erskine	Oxford, O.	Northrop House
Spitzer Hannah	New York	Park Annex
Sprague Rosemary	Amherst	227 S. Pleasant St., Amherst
Spring Patricia Ann	Franklinville, N. Y.	Gillett House
Spurr Penelope Stewart	Fairmont, W. Va.	Northrop House
Starck Elizabeth Manby	Cambridge	Morris House
Starr Phoebe June	Brookline	91 Elm St.
Staton Lucy	Chevy Chase, Md.	Hopkins House B
Steinman Maxine Anita	Forest Hills, N. Y.	Comstock House
Stephens Elizabeth Ann	Milwaukee, Wis.	Wallace House
Stephenson Marcia Tapley	Swampscott	Park House
Stevens Catherine	Brookline	Baldwin House
Stevens Mary Otis	Old Chatham, N. Y.	Hopkins House B
Stewart Caroline	La Grange, Ga.	Wilder House
Stitt Marjorie	Brooklyn, N. Y.	Martha Wilson House
Stix Harriet Jean	Cincinnati, O.	Laura Scales House
Stolk Natalie Joan	Mount Kisco, N. Y.	Haven House
Stopp Ann Bard	Croton on Hudson, N. Y.	Lawrence House
Strang Dorothy Roberta	Bridgeport, Ct.	Tyler House
Strauss Carolyn Saks	New York	Park House
Streeter Charlotte Barton	New York	Parsons House

Strelsin Joanne	Laurelton, N. Y.	Ellen Emerson House
Stuart Harriet McClure	Lake Forest, Ill.	Hopkins House B
Sun Rose Sui Hwa	Shanghai, China	Jordan House
Svetkey Eunice	Brookline	
Swift Elizabeth Allen	Lake Forest, Ill.	Ellen Emerson House
Tattersall Judith Allison	Princeton, N. J.	Sessions House
Taylor Alice Joan	Rye, N. Y.	Comstock House
Teal Mary Isabelle	Greenwich, Ct.	Baldwin House
Thayer Constance	Brooklyn, N. Y.	Laura Scales House
Thomas Marian Jane	Wayzata, Minn.	Martha Wilson House
Thorner Marilyn Audrey	West Englewood, N. J.	Capen House
Thornton Julia Horner	Wellesley Hills	Martha Wilson House
Tiedeman Sara	Grosse Pointe, Mich.	Lawrence House
Todd Doris Jean	Palo Alto, Cal.	Chapin House
Tompkins Janice Weller	New York	German House
Touliatou Thetis Aphrodite	New York	Chapin House
Tremaine Dorothy Chapman	Cleveland, O.	Park House
Trockman Carolyn Lila	Brookline	11 Henshaw Av.
Troxell Suzanne Ellen	Riverton, N. J.	Ellen Emerson House
Tryon Rosamond Gale	Minneapolis, Minn.	Wilder House
Tucker Janet	New Rochelle, N. Y.	Tyler House
Tulin Molly	Hartford, Ct.	Hubbard House
Turgeon Prudence Ayer	Auburn, Me.	Lawrence House
Turner Sarah Jane	Corning, Ia.	Ellen Emerson House
Tyler Lydia Mildred	New York	Comstock House
Uihlein Sarah Constable	Milwaukee, Wis.	Lawrence House
Ungerleider Barbara Helen	Great Neck, N. Y.	Chapin House
Utter Jean Chilton	Westerly, R. I.	Chapin House
Valentine Jean Elizabeth	Westport, Ct.	Northrop House
Van Baalen Jessie	Melrose Park, Pa.	Chapin House
Van Horn Gretchen	Newtown, Pa.	Martha Wilson House
Veit Natalie Iris	Short Hills, N. J.	Northrop House
Vogel Muriel Josephine	Paterson, N. J.	Cushing House
Wagner Susan	Baltimore, Md.	Tyler House
Wallace Anne Elizabeth	Wallingford, Ct.	Wilder House
Wallingford Martha Jean	Larchmont, N. Y.	Northrop House
Walton Dorothy	Grosse Pointe Farms, Mich.	Laura Scales House
Waterman Suzanna Hampson	Larchmont, N. Y.	Tyler House
Watt Marian Cannon	Cleveland, O.	Sessions House
Webber Jean Louise	Newtonville	Comstock House
Weeks Beatrice	Boston	Ellen Emerson House
Weil Barbara Tuttle	Hyde Park	Capen House
Weil Mary Lynne	Montgomery, Ala.	Lawrence House
Weiner Carol Porter	Brighton	Morrow House
Weiser Marcia Theresa	New Rochelle, N. Y.	Franklin King House
Welles Charlotte Rose	New Canaan, Ct.	91 Elm St.
Wennerblad Esther Charlotte	Everett	Northrop House
White Merideth Thompson	Wellesley Hills	Martha Wilson House
Whitehouse Priscilla Brooks	Portland, Me.	Comstock House
Wieler Rosemary	Lakeville, Ct.	Gillett House

Wiener Helene
 Wilgus Ruth Elizabeth
 Williams Joan
 Willming Mary Ann
 Wilner Elinor Mildred
 Wilshire Mary Guthrie
 Wilson Lucy Peters
 Wiss Grace Valentine
 Woodling Darthea MacGregor
 Woodruff Katherine Miller
 Woods Catherine McGowan
 Woodside Margaret Joan
 Woodworth Harriet Irma
 Wright Juliana
 Wurtele Mary Gibb
 Wyman Elizabeth Campbell
 Zemon Natalie Ann
 Zylawski Josephine

New York
 Old Greenwich, Ct.
 Easton, Pa.
 Fargo, N. D.
 Auburn, Me.
 Dayton, O.
 Palos Park, Ill.
 Maplewood, N. J.
 Norwell
 Joliet, Ill.
 Hinsdale, Ill.
 Chicago
 Newton Center
 Wynnewood, Pa.
 Minneapolis, Minn.
 Millbridge, Me.
 Detroit, Mich.
 Northampton
 Sophomore Class, 519

Comstock House
 Wilder House
 Northrop House
 Hopkins House B
 Park Annex
 11 Henshaw Av.
 Wesley House
 Chapin House
 Laura Scales House
 Hubbard House
 Clark House
 Wilder House
 Cushing House
 91 Elm St.
 Talbot House
 Wilder House
 Tyler House
 51 Day Av.

JUNIOR CLASS

Abato Rose Alice
 Abert Jane Priscilla
 Adams Carol
 Akers Jacqueline Lee
 Aldrich Anna-Louise (Barnard)
 Alexander Priscilla Alden
 Algard Jeanne Margaret
 Allan Shirley Ann
 Allen Nancy Ballantine
 Allsop Elizabeth Jane
 Alter Marilyn
 Andrew Jeanette
 Arrington Louise Randolph
 Atwood Nancy
 Aub Elizabeth Francis
 Bach Alice
 Badger Cecilia Anne
 Baker Elizabeth Graham
 Baldwin Nancy
 Ballentine Elizabeth Anne
 Banks Elizabeth Gardner
 Barach Leah Kean
 Barclay Rebecca Coulter
 Barrar Joyce Aileen
 Barrows Elizabeth
 Bartlett Julia Jeffrey
 Barton Nancy Anne
 Batchelder Mary Brown

New Haven, Ct.
 Port Washington, N. Y.
 Whitinsville
 Atchison, Kan.
 Brookline
 Berwyn, Pa.
 Lancaster, Pa.
 Zanesville, O.
 Longmeadow
 Williamstown
 New Rochelle, N. Y.
 Portland, Me.
 Washington, D. C.
 Salem
 Belmont
 Scarsdale, N. Y.
 Chicago
 Cincinnati, O.
 Belmont
 Birmingham, Mich.
 Larchmont, N. Y.
 New Haven, Ct.
 Greensburg, Pa.
 Detroit, Mich.
 New York
 Lewiston, N. Y.
 Pelham Manor, N. Y.
 Boston

Jordan House
 Chapin House
 Cushing House
 Hopkins House A
 Switzerland
 Dawes House
 Ellen Emerson House
 Jordan House
 Cushing House
 German House
 Wilder House
 Haven House
 Morrow House
 Baldwin House
 Morrow House
 Gillett House
 Mexico
 Baldwin House
 11 Henshaw Av.
 17 Henshaw Av.
 Chapin House
 Cushing House
 Tyler House
 Hopkins House A
 Wallace House
 Morrow House
 Cushing House
 Hubbard House

Baxter Shirley Holden	Orange, N. J.	Talbot House
Bean Elizabeth Ann	Waterbury, Ct.	Laura Scales House
Beatty Barbara Ann	Upper Montclair, N. J.	Switzerland
Bedenkapp Barbara Anne	Albany, N. Y.	Martha Wilson House
Beehler Betty Davis	Baltimore, Md.	Cushing House
Benham Sarah Wilson	Syracuse, N. Y.	Parsons House
Bennett Rosamond Thomas	Wellesley Hills	Switzerland
Benson Carol Ardene (Oberlin)	Washington, D. C.	Switzerland
Bentley Mary Elizabeth	Durham, N. C.	Morrow House
Berman Alice Caroline	Indianapolis, Ind.	Baldwin House
Berude Dorothy Olga	Rio de Janeiro, Brasil	32 Bedford Ter.
Biel Peggy-Ann	Brookline	Sessions House
Biggs Mary Elizabeth	Grand Junction, Colo.	Haven House
Bixler Martha Harrison	Waterville, Me.	Tyler House
Blair Marilyn Ruth	Amherst	Albright House
Blevins Patricia Anne	Pasadena, Cal.	Cushing House
Bloomberg Elaine Phyllis	Lowell	Tyler House
Blum Janet	New York	Comstock House
Boselly Marjorie Ruth	Larchmont, N. Y.	Chapin House
Bowen Jean	Slingerlands, N. Y.	Albright House
Breckwoldt Marie	Scarsdale, N. Y.	Martha Wilson House
Brent Barbara Hinchman	Scarsdale, N. Y.	Talbot House
Brewer Constance Monell	Spokane, Wash.	Parsons House
Brissimi Hari Basil	Volos, Greece	Martha Wilson House
Broback Beverly Ann	Minneapolis, Minn.	Baldwin House
Broch Elfy	Oslo, Norway	Park House
Brodeur Marie Therese	Worcester	Lawrence House
Brokaw Nanette	Plainfield, N. J.	17 Henshaw Av.
Brooks Markell	St Paul, Minn.	Dawes House
Brooks Priscilla Audrey	Needham	Switzerland
Broome Shirley	North Tarrytown, N. Y.	Baldwin House
Broughton Joan	Dayton, Wash.	Wallace House
Brown Barbara Esther	Chatham	Jordan House
Brown Elizabeth Suydam	Sewickley, Pa.	Dawes House
Browne Louise Jeanne	Easthampton	180 Main St., Easthampton
Brudno Sally Patricia	Newton	Laura Scales House
Brussovansky Irene (Barnard)	New York	Switzerland
Brutschy Joan Louise	White Plains, N. Y.	Gardiner House
Buckley Susan (Mount Holyoke)	Los Angeles, Cal.	Mexico
Budnitz Isabelle Phyllis	Springfield	Cushing House
Bullock Charlotte Robinson	Cold Spring, N. Y.	Martha Wilson House
Butin Barbara	Chanute, Kan.	Chapin House
Butler Linda Lou	Lewiston, Idaho	Tyler House
Butterfield Patricia Parks	Grand Rapids, Mich.	Switzerland
Butzer Marjorie Betty	Buffalo, N. Y.	Clark House
Buzby Nina	Philadelphia, Pa.	Chapin House
Byrne Deirdre Dana	Pasadena, Cal.	Hubbard House
Cabot Lucia Lee	Concord	German House
Caldwell Ann	Jackson, Tenn.	Talbot House
Caldwell Karen	Lanai City, Hawaii	Comstock House

Cameron Nancy Alice	Bradford, Pa.	Baldwin House
Camp Miriam	Waterbury, Ct.	Park House
Campbell Margaret	Swarthmore, Pa.	Albright House
Carlaw Mary-Adelaide	Maplewood, N. J.	Albright House
Carpenter Deborah Davidson	Northampton	Chapin House
Carstens Constance Moyle	Manhasset, N. Y.	Gardiner House
Carswell Ann May Elizabeth	Scarsdale, N. Y.	Martha Wilson House
Casey Sarah MacFarland	Fort Madison, Ia.	Morris House
Cattell Mary Virginia	West Newton	Ellen Emerson House
Chang Chia-ling	Shanghai, China	Morrow House
Chatfield Marion	Cincinnati, O.	Hubbard House
Chisholm Jean Gardiner	Laurel, Miss.	Mexico
Chittenden Frances Ellen	Wethersfield, Ct.	Ellen Emerson House
Christopherson Grace Phillips	Burlington, Vt.	Cushing House
Church Sally	Pittsburgh, Pa.	Gardiner House
Clark Nancy Prentice	River Edge, N. J.	Morrow House
Clark Virginia Lomax	New York	Parsons House
Clarke Julianne	Lancaster, Pa.	Haven House
Clausen Susan Elizabeth	Willoughby, O.	Cushing House
Cline Catherine Ann	West Springfield	Ellen Emerson House
Clute Martha	Elmira, N. Y.	Tyler House
Coe Jean Winans	Waterbury, Ct.	Switzerland
Coffey Mary Elinor	Jamestown, R. I.	Parsons House
Cohen Helen Muriel	St Louis, Mo.	Gardiner House
Cole Jane Radcliffe	Hingham	Franklin King House
Conary Helen Patricia	Minneapolis, Minn.	Parsons House
Cone Louise Longstreth	Bronxville, N. Y.	Laura Scales House
Congdon Jean Bannister	Duluth, Minn.	Gillett House
Conn Gloria Josephine	Boonton, N. J.	11 Henshaw Av.
Conroy Dorothy Ann	Cincinnati, O.	Hubbard House
Cook Phoebe	Memphis, Tenn.	Martha Wilson House
Cotton Virginia Lou	West Hartford, Ct.	Laura Scales House
Couffer Carol Ann	Scarsdale, N. Y.	Franklin King House
Coulson Jane	Winchester	Wilder House
Coyle Patricia Douglas	Homer, N. Y.	Hubbard House
Crane Pamela	Dalton	Parsons House
Craver June Margaret	Waterbury, Ct.	Laura Scales House
Crawford Nancy Lee	White Plains, N. Y.	11 Henshaw Av.
Cremer Mabelle Alfriede	Flushing, N. Y.	Albright House
Crowell Ann Berry	Winchester	Martha Wilson House
Crowne Glorianne	New York	Albright House
Cull Natalie Stewart	Providence, R. I.	Morris House
Cummings Patricia	North Attleboro	Haven House
Cuthbert Joanne	Manchester, N. H.	Jordan House
Darby Audrey Isabel	Welland, Ont., Canada	Morris House
Darlington Jessica Raymond	Sewickley, Pa.	Parsons House
Davey Anne Holland	Trenton, N. J.	Tyler House
Davidson Janet Van Hise	New York	Switzerland
Davies Charlette	Rye, N. Y.	Hubbard House
Davies Elaine Lynn	New York	Tyler House

Davis Nelda Lee	Petersburg, Va.	Tenney House
Davis Tracy	Los Angeles, Cal.	Mexico
Dawson-Smith Virginia	Chicago	Switzerland
Dean Margaret Ann	Rahway, N. J.	Chapin House
de Chadenèdes Eleanor Hillary	Flushing, N. Y.	Haven House
de Ganahl Florence Mary	Trenton, N. J.	Laura Scales House
Dellenbaugh Adèle Otis	Litchfield, Ct.	Hubbard House
De Vane Margaret	New Haven, Ct.	Northrop House
Dick Nancy Jewell	Winnetka, Ill.	Gardiner House
Dickinson Anne Defrees	Washington, D. C.	Talbot House
Dickinson Grace Elizabeth	Brewster, N. Y.	Northrop House
Diven Mary Barbara	Anderson, Ind.	Haven House
Donovan Mary Ann	New York	Comstock House
Drukker Joan Adams	Montclair, N. J.	Morris House
Drummond Deborah	Cape Elizabeth, Me.	Gillett House
Duboc Suzanne Peters	Two Rivers, Wis.	Mexico
Duffield Jean Rochester	Buffalo, N. Y.	Ellen Emerson House
Dulles Mary Rhea	Columbus, O.	Wilder House
Dunn Martha Woodbury	Woodbridge, Ct.	Northrop House
Earhart Frances Williams	Philadelphia, Pa.	Baldwin House
Earle Rosamond	Princeton, N. J.	Dawes House
Elebash Margaret Ann	College Park, Ga.	Park House
Emlen Marie	Philadelphia, Pa.	Lawrence House
Eno Jacqueline	Lowell	Dawes House
Ess Mildred McBaine	Kansas City, Mo.	Franklin King House
Evans Natalie Alcine	Seymour, Ct.	Laura Scales House
Ewald Elizabeth Joan	Louisville, Ky.	Hubbard House
Fabe Cherry	Cincinnati, O.	Hopkins House A
Fairhurst Grace Quackenbush	Wyckoff, N. J.	Gillett House
Fast Martha Louise	Kalamazoo, Mich.	Haven House
Felberbaum Gloria (Wells)	Flushing, N. Y.	Mexico
Fellers Donatella	Villanova, Pa.	Baldwin House
Fellers Martha Louise	Amherst	Ellen Emerson House
Fink Barbara Constance	Perth Amboy, N. J.	Laura Scales House
Floyd Nancy	Manchester, N. H.	Haven House
Ford Jeanne (Vassar)	Champaign, Ill.	Switzerland
Fox Nancy Burrows	West Hartford, Ct.	Jordan House
Frank Marilyn Sylvia	Woodmere, N. Y.	Gardiner House
Freeman Audrey Thompson	Portland, Me.	Northrop House
Fri Barbara Louise	Bronxville, N. Y.	Laura Scales House
Fritz Dorothy Isabel	Ancon, C. Z.	Jordan House
Frost Eleanor Johnston	Ridgewood, N. J.	Tyler House
Fry Nancy Jane	Cincinnati, O.	Cushing House
Fuller Amelia Maxwell	Cincinnati, O.	Haven House
Gaeckle Mary Louise	Cleveland, O.	Franklin King House
Gage Anne Rycroft	Briarcliff Manor, N. Y.	Jordan House
Gage Elizabeth Gardner	Louisville, Ky.	Hubbard House
Gallaher Mary	Darien, Ct.	Dawes House
Gardner Ann Margaret	Akron, O.	Wilder House
Geisse Elaine	Wausau, Wis.	Laura Scales House

Ghrist Caroline	Los Angeles, Cal.	Comstock House
Godard Sally Ann	West Hartford, Ct.	Wallace House
Goodman Barbara Louise	El Paso, Tex.	Sessions House
Goodrich Gail	Kansas City, Mo.	Mexico
Goodrich Mary	Englewood, N. J.	Switzerland
Gott Laura Jane (Mount Holyoke)	Winnetka, Ill.	Switzerland
Grace Gertrude Keating, Jr.	Greenlawn, N. Y.	Cushing House
Green Doneth Anne	Minneapolis, Minn.	Baldwin House
Green Marion Carswell	Kansas City, Mo.	Martha Wilson House
Green Nancy	Tuxedo Park, N. Y.	Baldwin House
Greene Barbara Markham	Washington, D. C.	Jordan House
Greene Sheila	Ross, Cal.	11 Henshaw Av.
Greenhalgh Elizabeth Ann	Wellesley Hills	Mexico
Greenspan Sylvia	Brooklyn, N. Y.	Martha Wilson House
Griffinger Betty Ellen	South Orange, N. J.	Talbot House
Griggs Kathryn Joan	Manlius, N. Y.	Haven House
Guiles Gwyneth	West Newton	Sessions House
Hall Doris Anne	Verona, N. J.	Gillett House
Hall Harriet	Quincy	Talbot House
Hall Helen Merris	Ridgway, Pa.	Gardiner House
Hall Lacey	New York	Cushing House
Hamilton Eugenie Florence	Pelham Manor, N. Y.	Gardiner House
Hamilton Janet Clark	Larchmont, N. Y.	Comstock House
Handler Hope Suzanne	Brooklyn, N. Y.	Gillett House
Hardenbergh Lois Nancy	Bronxville, N. Y.	Wallace House
Harding Joan	Rumson, N. J.	Morris House
Hardy Sally Mathilda	Waukesha, Wis.	Gillett House
Hare Susanna Harleman	Pittsburgh, Pa.	Gillett House
Harmon Mary Katharine	Brooklyn Heights, N. Y.	11 Henshaw Av.
Harper Lindsay (Bryn Mawr)	Barrington, Ill.	Mexico
Harris Cecilia	New York	Wallace House
Hartenstein Carlene Jane	Newington, Ct.	Dawes House
Hartwell Caroline Johnston	Pittsburgh, Pa.	Parsons House
Hartwell Janet Dickson	Minneapolis, Minn.	Switzerland
Hasek Phoebe Ellen	Kansas City, Mo.	Morrow House
Haskell Miriam Bernice	Brookline	Lawrence House
Haslun Muriel June	Yonkers, N. Y.	Hopkins House A
Hastings Josephine Delbert	Haverford, Pa.	Cushing House
Hawkins Jacqueline	Bronxville, N. Y.	Haven House
Haws Cynthia Jean	Greenwich, Ct.	Switzerland
Hay Elizabeth Dexter	Melbourne, Fla.	Wilder House
Hedrick Mildred Sterling	Fort Worth, Tex.	11 Henshaw Av.
Henderson Sylvia	Bronxville, N. Y.	Tyler House
Hendricks Hildamarie	Chicago	Switzerland
Hewes Patricia	Hadlyme, Ct.	Parsons House
Heyman Marilyn Joyce	New York	Canada
Hill Barbara Ann	Asbury Park, N. J.	Chapin House
Hillman Hermione Woodruff	Grand Rapids, Mich.	Parsons House
Hitchcock Ann Spalding	Cleveland, O.	Switzerland
Hitchcock Elizabeth	Derby, Ct.	Haven House

Hixon Irene Copeland	Pasadena, Cal.	Sessions House
Hoag Nancy Hughes	Wellesley Farms	Dawes House
Hochschild Patricia (Bryn Mawr)	New York	Switzerland
Holliday Lucy Ruth	Indianapolis, Ind.	Parsons House
Holliday Winston Henley	Lake Forest, Ill.	11 Henshaw Av.
Hollis Jean Ann	Ridgewood, N. J.	17 Henshaw Av.
Holmes Cynthia Joan	Cleveland, O.	Sessions House
Holtz Helen Margaret	Springfield, Ill.	Parsons House
Hood Marilyn Jeanne	Glen Ridge, N. J.	Gillett House
Hooke Lois Gay	Upper Montclair, N. J.	Albright House
Hoover Holly	Kansas City, Mo.	Gardiner House
Hopkinson Joan Lewis	New York	Hubbard House
Horowitz Dorothy Reva	Brockton	Gardiner House
Horrigan Patricia Helen	Northampton	152 Crescent St.
Howard Elizabeth Crawford	New York	Sessions House
Howland Nancy Ann	Dayton, O.	Hopkins House A
Hurlbutt Virginia Carol	Greenwich, Ct.	Morrow House
Hyman Barbara Louise	New Haven, Ct.	Laura Scales House
Ingersoll Suzanne	Shreveport, La.	Ellen Emerson House
Ingraham Suzanne	Snyder, N. Y.	Morrow House
Iribe Anita Magee	Los Angeles, Cal.	Albright House
Isitt Eva Frances Camac	Van Nuys, Cal.	Switzerland
Jackson Jane Katherine	La Jolla, Cal.	Laura Scales House
Jamison Marjorie Leigh	Cleveland, O.	Capen House
Janes Catherine Rebecca	Chilliwack, B. C., Canada	Talbot House
Jansen Sallylee	Larchmont, N. Y.	Tenney House
Jeffery Jean	Syracuse, N. Y.	Laura Scales House
Jencks Ann Dexter	Littleton, N. H.	Tenney House
Johnson Carolyn Ruth	Rochester, N. Y.	Ellen Emerson House
Johnson Janice Naomi	Muskegon, Mich.	Hopkins House A
Johnson Marjorie Marion	Highland Park, Ill.	Ellen Emerson House
Johnston Harriet Ballinger	Washington, D. C.	Tyler House
Johnston Janette	Minneapolis, Minn.	Hubbard House
Jolliffe Jane	Princeton, N. J.	Park House
Jolliffe Julia	Princeton, N. J.	Park House
Jones Caroline Sewall	Minneapolis, Minn.	Chapin House
Jones Mary Bonnell	Cleveland, O.	Gardiner House
Judson Winifred	Seattle, Wash.	Clark House
Kahn Sandra Ruth	Cedarhurst, N. Y.	Martha Wilson House
Kasen Carol Enid	Maplewood, N. J.	Gillett House
Kaufman Dolores Myra	Pittsburgh, Pa.	Wallace House
Kaye Sharon Claire	New York	Hopkins House A
Kieckhefer Alice Patricia	Milwaukee, Wis.	Talbot House
Killingsworth Anita Scott	Atlanta, Ga.	Gardiner House
King Joanne Elisabeth	Cleveland, O.	Jordan House
Kirby Sibyl Smith	Meriden, Ct.	Wilder House
Kirschbaum Ann Jean	Waterbury, Ct.	Laura Scales House
Klein Ada Clayton (Bryn Mawr)	Naugatuck, Ct.	Mexico
Knight Margaret	Highland Park, Ill.	Wallace House
Knight Mary Katharine	Rockford, Ill.	Wallace House

Knight Ruth Forrester	Buffalo, N. Y.	Morris House
Knoblauch Gretchen Ruth	Minneapolis, Minn.	Switzerland
Knope Roberta Ann	Rochester, N. Y.	Laura Scales House
Knowlton Priscilla Anne	Bangor, Me.	Franklin King House
Koch Caroline	Dundee, Ill.	Dewey House
Kohn Audrey Beth	Ventnor City, N. J.	Park House
Konoff Edna May	New York	Gillett House
Koontz Rosalie Annette	Kansas City, Mo.	Franklin King House
Kossoff Florence Sylvia	Hartford, Ct.	Lawrence House
Kramer Harris Pope	Washington, D. C.	Hopkins House A
Kreimer Mary Stuart	Cincinnati, O.	Switzerland
Kridl Elizabeth Mary	Northampton	German House
Kriger Irma Helene	Portland, Me.	Hubbard House
Kroll Sally Mayo	Northampton	Baldwin House
Kuhn Jane Atwood	Kansas City, Mo.	Martha Wilson House
Kynoch Nancy-Anne	Ann Arbor, Mich.	Washburn House
Kyritsi Despina S.	Athens, Greece	Laura Scales House
La Croix Ruth	Waterford, Ct.	Jordan House
Lacy Louise Goodwin	Baltimore, Md.	Laura Scales House
Lampe Jo Ann	Johnstown, N. Y.	Tenney House
Landauer Beverly Foy	Scarsdale, N. Y.	Talbot House
Landon Ruth Hoyt	New Haven, Vt.	Morris House
Lane Barbara	Milton	Wallace House
Langle Françoise Rachel	Fontenay sous Bois, France	Baldwin House
Latson Mary	Brooklyn, N. Y.	Wallace House
Lebenthal Eleanor Ida	New York	Park House
Leggett Mary Ellen Rising	Plainfield, N. J.	Martha Wilson House
Lehman Margot Carol	New York	Park House
Leighton Mary Anne	Lowell	Tyler House
Levine Barbara Elise	Forest Hills, N. Y.	Comstock House
Levy Edna Kay	Brooklyn, N. Y.	Lawrence House
Lewis Alice Williams	New York	Gardiner House
Lichterman Tamah	Brooklyn, N. Y.	Gardiner House
Liman Gladys Merle	Lawrence, N. Y.	Chapin House
Liner Francine Marian	New York	Martha Wilson House
Lins Consuelo	Buffalo, N. Y.	Franklin King House
Lobach Katherine Slawik	Akron, O.	Gardiner House
Loftus Joan Mary	Arlington, N. J.	Northrop House
Lopez Ethel Cornelia	Pittsburgh, Pa.	Cushing House
Loud Anne Thurber	Cambridge	Washburn House
Lounsbury Roberta Ruth	South Orange, N. J.	Comstock House
Lowry Joanne Drake	Lewisburg, Pa.	Ellen Emerson House
Ludington Nancy	New York	Comstock House
Lumbard Caroline Ham	Auburn, Me.	Ellen Emerson House
Luthy Carroll Van Bergen	Peoria, Ill.	17 Henshaw Av.
MacArthur Laura Maud	Wagon Mound, N. M.	Franklin King House
McCafferty Patricia Jane	Cleveland, O.	Sessions House
McClelland Barbara Jean	Scarsdale, N. Y.	Clark House
McComb Sarah Elizabeth	Pittsburgh, Pa.	Ellen Emerson House
McCormick Phyllis Regina	Mountain Lakes, N. J.	Jordan House

McDonald Camille	Chicago	Martha Wilson House
McElroy Louise Campbell	Minneapolis, Minn.	Tenney House
McFarland Loraine Haynes	Hyde Park, Vt.	Mexico
Macfarlane Anne	Seattle, Wash.	Morrow House
McGahey Joyce Marilyn	Toronto, Canada	Tyler House
McIvor Nancy Locke	Concord, N. H.	Dawes House
McKnew Florence Susan	Washington, D. C.	Capen House
McLaughlin Margaret Magdalen	Northampton	Wilder House
Macmillan Anne Leslie	Waban	Dawes House
McNerney Eula Marie Caroline	Toledo, O.	Wallace House
Madden Patricia Josephine	Winnetka, Ill.	Dewey House
Maloney Barbara Joan	Flossmoor, Ill.	Dewey House
Mann Winifred Neville	Great Neck, N. Y.	17 Henshaw Av.
Marshall Grace Cass	Plainfield, N. J.	Chapin House
Martz Elizabeth Baalack	Newton Highlands	Switzerland
Mather Shirley Lee	Baltimore, Md.	Lawrence House
Maton Monique Jeanne Marie	Biarritz, France	Parsons House
Mayo Margaret Louise	Cleveland Heights, O.	Talbot House
Mead Jane Willits	Scarsdale, N. Y.	Switzerland
Meloy Consuelo Claire	Bronxville, N. Y.	11 Henshaw Av.
Mencher Rosa	Baldwin, N. Y.	Switzerland
Mendenhall Sylvia	Rye, N. Y.	Baldwin House
Merritt Dorothy Wells (Bucknell)	Tenafly, N. J.	Switzerland
Meurlin Viola	South Orange, N. J.	Dewey House
Milbank Daphne	Burlingame, Cal.	Hubbard House
Millar Patricia Ruth	Pine Valley, N. J.	Ellen Emerson House
Miller Cleone Virginia (Rotan)	Northampton	82 Washington Av.
Miner Elizabeth Caroline	Wilkes-Barre, Pa.	Talbot House
Mitchell Diana Ellicott	Buffalo, N. Y.	Laura Scales House
Mitchell Grace Evans	Buffalo, N. Y.	Morris House
Mitchell Joan	Oyster Bay, N. Y.	Capen House
Moisseiff Joan	New York	Capen House
Molloy Jacqueline Louisa	Short Hills, N. J.	Talbot House
Montgomery Helen Pauline	Seymour, Ind.	Comstock House
Moriarty Mary Eloise	Winchester	Gillett House
Morrison Betty Jane	Hamden, Ct.	Dewey House
Muhlenberg Frederica Harriet	Wernersville, Pa.	Capen House
Murphy Jean Marie	Fall River	Switzerland
Murray Mary MacAllister	New York	German House
Newman Anita Carol	Hanover, N. H.	Morris House
Newman Phyllis Lois	Brooklyn, N. Y.	Capen House
Nix Margaret Jean	Webster Groves, Mo.	Morrow House
Norris Marguerite Ann	Lake Forest, Ill.	Hopkins House A
Nugent Barbara (Bryn Mawr)	New York	Switzerland
O'Boyle Helen Therese	Sayre, Pa.	Ellen Emerson House
O'Donnell Mary-Joan	Cape Elizabeth, Me.	Morrow House
Ogden Dorothy Louise	Torresdale, Pa.	Haven House
O'Neil Mary-Alice	Windsor, Ct.	Mexico
Owen Patricia Farish	Asheville, N. C.	Washburn House
Oxnard Virginia Eppes	Denver, Colo.	Morris House

Page Judith Marjory	Scarsdale, N. Y.	Martha Wilson House
Pappenheimer Joan	Cincinnati, O.	Morrow House
Parker Martha	Neenah, Wis.	Ellen Emerson House
Parrish Mary Ruth	Washington, D. C.	Chapin House
Patteson Mary Starke	Jonesboro, Ark.	Martha Wilson House
Paul Anne Harris	Philadelphia, Pa.	Baldwin House
Payson Merrill	Portland, Me.	Tyler House
Peck Dorcas Virginia	Rockyhill, Ct.	Ellen Emerson House
Pendleton Joan	Bangor, Me.	Wallace House
Penniman Anne Courtenay	Laguna Beach, Cal.	Talbot House
Petacque Francine Sue	Chicago	Haven House
Plummer Peggy Ann	Carnegie, Pa.	Chapin House
Pond Harriet Elizabeth	Syracuse, N. Y.	Morris House
Port Mary Lydia	Newburgh, N. Y.	Northrop House
Porter Dorothy Martyn	Davenport, Ia.	Wallace House
Potter Mary Grosvenor	Montclair, N. J.	Sessions House
Powers Lucy Lindley	New York	Haven House
Procter Madeline Doris	Raleigh, N. C.	Cushing House
Propper Cynthia Jane	New York	Gardiner House
Putnam Caroline	Buffalo, N. Y.	Washburn House
Pynchon Michelle	Lima, Perú	Jordan House
Quel Barbara Rachel	New York	Ellen Emerson House
Quick Lois Miller	East Orange, N. J.	Albright House
Quimby Carol	New London, Ct.	Lawrence House
Rabinovich Helen	Hartford, Ct.	Franklin King House
Rainsford Rita	Katonah, N. Y.	Switzerland
Rapp Patricia Ann	Springfield	Lawrence House
Rawlins Joyce	Flushing, N. Y.	Northrop House
Rebmann Mary Louise	Philadelphia, Pa.	Franklin King House
Reed Lillian Rosemary Joan	Peterboro, Ont., Canada	Caben House
Reis Ruth	Chicago	Gardiner House
Reynolds Elisabeth Lee	Pittsfield	Switzerland
Rice Nancy Reeves	Lenox	Jordan House
Ricketson Mary (Barnard)	Boston	Switzerland
Rieser Anne Williams	Reading, Pa.	Clark House
Rischmiller Joyce Claire	Portland, Ore.	Comstock House
Rivers Gloria Ruth	Newtonville	Lawrence House
Robertson Marianne	Lowell	Canada
Robertson Patricia Ruth	Washington, D. C.	Morrow House
Robinson Ellen Louise	Woodstock, N. Y.	Baldwin House
Robinson Mary Elizabeth	Bryn Mawr, Pa.	Morrow House
Robinson Ruth Mack	Blandford	Mexico
Rogers Esther Joan	Moorestown, N. J.	Gardiner House
Rogers Jo Ann	Larchmont, N. Y.	Mexico
Rogers Loïs Hélène	New York	Laura Scales House
Rooney Phyllis Ann	New York	Switzerland
Roper Janet	Springfield	Laura Scales House
Rose Dorothy Dunham	Montclair, N. J.	Chapin House
Rubidge Nesta Frances	Upper Montclair, N. J.	Albright House
Rubin Jean	New York	Comstock House

Rudolph Barbara Ann	Chicago	Gardiner House
Runels Elizabeth Ann	Lowell	Franklin King House
Ruth Margaret Lindsay	Cincinnati, O.	Lawrence House
Ryder Nancy Jane	Waterbury, Vt.	Martha Wilson House
St John Lois	Westport, Ct.	Gillett House
Sappington Joan Marjorie	Birmingham, Mich.	Ellen Emerson House
Sargent Judith Ann	Bath, Me.	Jordan House
Sather Sarah Tinsley	Hartford, Ct.	Parsons House
Schaefer Martha Jane	Kansas City, Mo.	Northrop House
Schmidt Anne Clark	Glencoe, Ill.	Park House
Schupper Deborah Harriet	Jersey City, N. J.	Switzerland
Schwartzberg Arlene Lois	Cleveland, O.	Haven House
Schwarz Dorothy Marion	New York	Jordan House
Schwindt Kathryn (Barnard)	Rockville Center, N. Y.	Switzerland
Scott Eunice Standish	Chappaqua, N. Y.	Albright House
Seaman Patricia Marie (Mount Holyoke)	Monmouth Beach, N. J.	Mexico
Seely Eva Louise	Northampton	13 Harlow Av.
Senderowitz Beryl Faith	Allentown, Pa.	Comstock House
Shaw Elizabeth Amy	Northville, Mich.	Albright House
Shaw Jane	Rochester, N. Y.	Lawrence House
Sherer Edith Osborn	Little Compton, R. I.	Ellen Emerson House
Shirley Eleanor Charlotte	Morristown, N. J.	Switzerland
Simons Margaret Harriet	St Paul, Minn.	Gillett House
Skinner Grace Evelyn	Ridgewood, N. J.	Jordan House
Smith Arlene Mae	Florence	18 W. Center St., Florence
Smith Barbara Jane	Winchester	Capen House
Smith Janet Hyland	West Roxbury	Wilder House
Smith Jeromy Evelyn	Ponca City, Okla.	Hubbard House
Smith Lillian Odell	Pulaski, Va.	Haven House
Smith Marjorie Ann	Grosse Pointe Park, Mich.	Gillett House
Smith Nadine Genet	St Paul, Minn.	Clark House
Snee Marion Louise	White Plains, N. Y.	Park House
Snow Mary Louise	Meriden, Ct.	Franklin King House
Snyder Margaret	Tacoma, Wash.	Gillett House
Snyder Sue McGee	Kansas City, Mo.	Jordan House
Sonnenfeld Marcia Caryl	Slingerlands, N. Y.	Martha Wilson House
Spain Janet	Jackson Heights, N. Y.	Mexico
Specht Elizabeth Louise	Upper Montclair, N. J.	Dawes House
Spencer Susan Marian	Barrington, Ill.	Tyler House
Staier Sally Hope	Bronxville, N. Y.	Switzerland
Staley Nancy Margaret	Kansas City, Mo.	Gardiner House
Stein Carolyn Winifred	Kenilworth, Ill.	Laura Scales House
Stout Nancy Allardice	Indianapolis, Ind.	11 Henshaw Av.
Strack Patricia De Land	Fitchburg	Laura Scales House
Strang Carol Ann	Garden City, N. Y.	Morrow House
Straus Julianne Dorothea	New York	Tyler House
Straw Anne	Manchester, N. H.	Talbot House
Strothman Janet Marjorie	Rumson, N. J.	Lawrence House
Symington Sarah Elder	Baltimore, Md.	Talbot House
Tapley Ruth	Winchester	Talbot House

Taylor Shirley Wynne	Sudbury	Morrow House
Tenenbaum Peggy Shevell	Far Rockaway, N. Y.	Hubbard House
Thayer Marian Morris	Newtown Square, Pa.	Dawes House
Thomas Gwendolyn Earp	Glen Ridge, N. J.	Capen House
Thomas Louise O'Sullivan	Cornwells, Pa.	Wallace House
Thomas Sally Ann	Montclair, N. J.	Northrop House
Thompson Anne Ellis	Mission, Kan.	Gardiner House
Thompson Marie Therese	South Orange, N. J.	Comstock House
Thomson Joanne	New York	Canada
Thorn Mary Adelaide	Palmyra, N. Y.	Mexico
Thygeson Mia Sverdrup	Oslo, Norway	Clark House
Tidmarsh Patricia Carman	Tucson, Ariz.	Mexico
Torell Maurine Nall	Bethlehem, Pa.	Wilder House
Townley Lois (Wheaton)	Fonda, N. Y.	Mexico
Treherne-Thomas Rhoda Margaret	New York	Morrow House
Trow Carol Allen	Stratford, Ont., Canada	Lawrence House
Trowbridge Katharine Nancy	Washington, D. C.	Tyler House
Tubbs Constance	Maplewood, N. J.	Cushing House
Turk Mary Marjorie	Indianapolis, Ind.	Washburn House
Tyler Eugenie Crosby	Woodbridge, Ct.	Switzerland
Valliant Jeanne Rigby	Centerville, Md.	Cushing House
Van Arsdel Lois Catherine	Boonton, N. J.	Switzerland
Van Dyk Joyce Mary	Chicago	Northrop House
Van Otteren Joyce	East Grand Rapids, Mich.	Northrop House
Vaughan Lucy	Bronxville, N. Y.	Dewey House
Venable Lucy Dent (Wellesley)	Charleston, W. Va.	Mexico
Vitkin Harriet (Bryn Mawr)	Brookline	Switzerland
Von der Lehr Gloria Elise	Larchmont, N. Y.	Gillett House
von Lackum Martha Louise	Walpole, N. H.	Gillett House
Wagner Ethel Jeanne	Bayside, N. Y.	Parsons House
Walsh Kathleen Hope	Wilmington, Del.	Albright House
Walsh Mary Jane	Bridgeport, Ct.	Laura Scales House
Walsh Mary Mildred	Kansas City, Mo.	Gardiner House
Warner Margaret Kuhl Kelly	Baltimore, Md.	Talbot House
Warren Diana Dean	Lexington	Albright House
Warrington Florence Hey	Merion Station, Pa.	Clark House
Waterman Helen Lambert	Albany, N. Y.	Franklin King House
Watson Nancy	Buffalo, N. Y.	Morrow House
Weathers Edna Esther	New York	Clark House
Weech Margaret Handy	Cincinnati, O.	Laura Scales House
Weeks Elizabeth Weeks	Canton, O.	Martha Wilson House
Weiss Katherine	New York	Gillett House
Weld Lindsay Ann	Toronto, Canada	Ellen Emerson House
Weltman Elienne Ruth	Longmeadow	Cushing House
White Mary Elizabeth	Keene, N. H.	Franklin King House
Whitlock Mary Anne Beacham	Bronxville, N. Y.	Tyler House
Whitney Jane Swartwout	Bethlehem, Pa.	Chapin House
Wicks Margaret Cuthbert	Princeton, N. J.	Wilder House
Wickser Melissa	Buffalo, N. Y.	Parsons House
Wight Francelia	Hartford, Ct.	Switzerland

Wilford Sara Elizabeth	Merion, Pa.	Sessions House
Wilhelm Jean	Riverside, Ct.	Albright House
Willemsen Diana Cicely	Toronto, Canada	Gillett House
Williams Beverly Noel	West Newton	Haven House
Williams Nancy Hope	New York	Gardiner House
Williamson Alice Josephine	Ottawa, Canada	Gillett House
Willson Mary Ann Rodgers	New York	Northrop House
Wilson Pamela	Chicago	Haven House
Winder Marcia	Meriden, Ct.	Haven House
Wing Amy Webster	Canaan, Ct.	Wilder House
Winslow Carroll	Summit, N. J.	Canada
Wise Joel Ruth	New Orleans, La.	Chapin House
Withington Elizabeth	Northampton	63 Dryads Green
Witt Sally Prescott	San Antonio, Tex.	Talbot House
Wood Emily Weigley	Phoenix, Ariz.	Martha Wilson House
Woods Frances Babcock	West Hartford, Ct.	Martha Wilson House
Wurtele Ann Lindley	Minneapolis, Minn.	Canada
Wylacker Henny-Marie	Rotterdam, Holland	Morrow House
Wyman Vivian Myra (Barnard)	Brookline	Switzerland
Yager Eleanor Cannon	Louisville, Ky.	Wilder House
Yang Chen-Hua	New York	Dawes House
Young Elsie Oliver	Sewickley, Pa.	Parsons House
Young Mary Sue	Bennington, Vt.	Albright House
Zimmermann Barbara Warren	Haverford, Pa.	Hopkins House A
	Junior Class, 552	

SENIOR CLASS

Aal Muriel Margaret	Alexandria, Minn.	Laura Scales House
Adams Mary Livingston	Cedarhurst, N. Y.	Parsons House
Aiken Ruth Alexander	Hamilton, Ont., Canada	Tyler House
Ainsworth Charlotte Susan (Cassidy)	Yuba City, Cal.	Morris House
Alling Elizabeth Babson	Ann Arbor, Mich.	Baldwin House
Anderson Ruth Conant	Portland, Me.	Caben Annex
Arons Eve Inge	New York	Lawrence House
Arwine Anita Robbins	New York	Dawes House
Askin Jane Shepherd	Pittsburgh, Pa.	Caben Annex
Atwood Nancy Alison	Madison, Ct.	Gillett House
Auerbach Annice Leonora	Toronto, Canada	Washburn House
Badger Alice	Oklmulgee, Okla.	Jordan House
Baker Caroline Ronk	Freeport, N. Y.	Albright House
Barlow Jane Fox	Philadelphia, Pa.	German House
Baraclough Mary Edith	Durham, N. H.	Lawrence House
Barth Jean Marie	Rochester, N. Y.	Northrop House
Bartlett Elizabeth Frances	Fresno, Cal.	Park House
Bayliss Virginia Shipman	El Paso, Tex.	Washburn House
Belcher Suzanne	New York	Sessions House
Benjamin Ann Helene	Kansas City, Mo.	Morrow House
Benjamin Ruth-Leona	Brooklyn, N. Y.	Northrop House
Bennett Shirley Alice	Rochester, N. Y.	Laura Scales House

Bernstein Alice Elizabeth	New York	Gardiner House
Berry Caroline Elizabeth	Rochester, N. Y.	Wilder House
Best Virginia Gilbert	Boonville, N. Y.	Cushing House
Bevan Bonnie (Epstein)	New York	Apt 33, G.I. Village, Amherst
Bevin Catharine Wheeler	Jamaica, N. Y.	Hubbard House
Bigham Dorothy Grace	Bronxville, N. Y.	Wallace House
Birge Janette Elizabeth	Litchfield, Ct.	Tenney House
Bittner Marie Louise	Brookline	Gillett House
Bixler Patricia Jane	Scottdale, Pa.	Morrow House
Bland Margaret Mary Shelden	Rockford, Ill.	Cushing House
Bloch Barbara	New York	Morrow House
Blond Marilyn Joy	Kansas City, Mo.	Gardiner House
Bogen Rose Jacqueline	Mount Vernon, N. Y.	Hopkins House A
Bonstein Marjorie Louise	Akron, O.	Tyler House
Booth Marjorie Jean	Bloomfield Hills, Mich.	Tyler House
Borst Mary Jean Wilson	Hamden, Ct.	Tyler House
Boss Helga Lucinda	Albany, N. Y.	Capen Annex
Bousley Joyce Dolores	Ipswich	Lawrence House
Bowe Cornelia Tuttle	Syracuse, N. Y.	Chapin House
Bowen Irene	Lowville, N. Y.	Morris House
Boyd Patricia Reese	Baltimore, Md.	Albright House
Brackett Marian Frances	Chevy Chase, Md.	Lawrence House
Brandvein Joanne Audrey	Waterbury, Ct.	Martha Wilson House
Brooke Mary Goode	Norfolk, Va.	Haven House
Brown Clara Belle	Tulsa, Okla.	Morrow House
Brown Elizabeth Louise Young	Sandy Hook, Ct.	Tyler House
Brown Elizabeth Newhall	Charleston, W. Va.	Hubbard House
Brown Janice Rae	Northampton	25 Franklin St.
Brown Karen	Portland, Me.	Dewey House
Brown Virginia Lyle	New York	Gardiner House
Browne Marianna Foster	Los Angeles, Cal.	Clark House
Browne Nancy Acheson	Brookline	Parsons House
Bruce Julia Andrews	Greenwich, Ct.	Gillett House
Buckley Jane	Sharon, Ct.	Haven House
Bugbee Barbara	Winchester	Haven House
Buhai Carolyn Sally	Winnetka, Ill.	Gardiner House
Burton Eleanor Eltinge	Seattle, Wash.	Morris House
Burton Marilyn	New York	Comstock House
Butler Allison	St Paul, Minn.	Dawes House
Butler Elizabeth Keats	Salem	Martha Wilson House
Butler Martha	Duluth, Minn.	Ellen Emerson House
Byk Georgette Millicent Geneviève	New York	Tyler House
Cadwell Elizabeth Ellen	Grosse Pointe, Mich.	Gillett House
Caldwell Barbara Suzanne	Washington, D. C.	Park House
Cameron Evelyn	Concord	Northrop House
Carlson Joyce Rudnick	Northampton	Tyler House
Caron Suzanne Dora	New York	Comstock House
Carpenter Cynthia	Riverton, N. J.	Gardiner House
Carper Ann	Waban	Haven House
Carruthers Mary Mabel	Pasadena, Cal.	Washburn House

Cate Bernardine Smith	Pittsfield	Gardiner House
Cate Katharine Wilson	Boston	Dawes House
Caulfield Margaret France	West Hartford, Ct.	Talbot House
Chien Marguerite Louise	Cambridge	Gillett House
Chier Ruth Leone	Milwaukee, Wis.	Wallace House
Clark Joyce Lillian (Carpenter)	Florence	153 Pine St., Florence
Clarke Ann Kynnersley	Plandome, N. Y.	Morrow House
Clarke Vida Dale	Palo Alto, Cal.	German House
Cleworth Gloria Elizabeth	New Canaan, Ct.	Capen House
Cochran Katharine Hale	Meshed, Iran	Dawes House
Codd Margaret John	Birmingham, Mich.	Capen Annex
Comey Jeanne Pickands	Cleveland, O.	Parsons House
Cooley Janet Littlefield	Albany, N. Y.	Dawes House
Cooley Joyce Ellen	New Haven, Ct.	Morrow House
Corbet Anne Trumbull	Seattle, Wash.	Capen House
Cox Patricia Wagoner	Cleveland, O.	Comstock House
Craddock Elizabeth Lewis	Charleston, W. Va.	Morrow House
Cunningham Jane Lynn	St Louis, Mo.	Franklin King House
Davidson Cornelia	Wellesley Hills	Haven House
Davidson Harriet	Worcester	Tenney House
Davies Marjorie Anne	Chicago	Tenney House
Davis Frances Townsend	New York	Talbot House
Deane Elisabeth Towner	St Louis, Mo.	Comstock House
Denison Teresa Snowden	Evanston, Ill.	Hubbard House
De Prez Anne	Shelbyville, Ind.	Franklin King House
De Veau Emmy-Lou	Larchmont, N. Y.	Baldwin House
Dickason Mary Elizabeth	Short Hills, N. J.	Cushing House
Dobbins Peggy Wells	Port Huron, Mich.	Sessions House
Donnelly Deirdre Mariner	Milwaukee, Wis.	Dawes House
Donnelly Elizabeth Ann	Worcester	Parsons House
Dooley Dorothy Anne	Miami Beach, Fla.	Parsons House
Doremus Katharine Allaire	Red Bank, N. J.	Ellen Emerson House
Drisko Ruth Marian	Wellesley Hills	Gardiner House
Economides Thomie J.	Galveston, Tex.	Washburn House
Ejgier Marion (Olds)	Amherst	Apt 52, G.I. Village, Amherst
Ellithorp Sue Claire	Canajoharie, N. Y.	Haven House
Ely Mary Plum	Waterbury, Ct.	Hubbard House
Emory Adelaide Travis	Sharon, Ct.	Franklin King House
Estey Susan	Brattleboro, Vt.	Parsons House
Evans Sara Anne	Waban	Gardiner House
Falkin Janice Aldridge	West Hartford, Ct.	Albright House
Farley Dorothy Lucille	Northampton	15 Adare Pl.
Fassen Charlotte Althea	Cleveland, O.	Franklin King House
Fenn Priscilla	Rochester, N. Y.	Gardiner House
Ferguson Dorothy Elizabeth	Hutchinson, Kan.	Jordan House
Field Ann Maxwell	Pelham, N. Y.	Jordan House
Finkbone Marilyn	Columbus, O.	Franklin King House
Fischer Helen Virginia	Longmeadow	Chapin House
Fischer Suzanne Morris	Binghamton, N. Y.	Haven House
Fisher Margaret	Wyomissing, Pa.	Baldwin House

Flickinger Elaine Laura	Akron, O.	Capen Annex
Ford Mary Millicent	Huntington, W. Va.	Dewey House
Fox Jean Stanley	Rochester, N. Y.	Wilder House
Fox Katharine Bowne	Gainesville, Fla.	Tyler House
Frank Jeanne Audrey	Cedarhurst, N. Y.	Albright House
Frazee Judith Elizabeth	Highland Park, Mich.	Northrop House
French Elizabeth Chivvis	Webster Groves, Mo.	Jordan House
Frey Phoebe Meredith	Forest Hills, N. Y.	Franklin King House
Fried Virginia Lenk (Walters)	New York	Morrow House
furth Irmgard Gabriele	New York	Lawrence House
Galeski Barbara	Richmond, Va.	Wallace House
Garabedian Caroline Roesel	Norton	Lawrence House
Garber Rosalie	Flushing, N. Y.	Wallace House
Gardner Lucile	New York	German House
Gawronski Helen Frances	North Abington	Morris House
Gedanic Dorothy Louise	Dayton, O.	Cushing House
Gerhard Ann	New York	Hubbard House
Getz Barbara	Moline, Ill.	Hubbard House
Ghiron Ida Elisa	New York	Gillett House
Gibson Julia Ray	Scarsdale, N. Y.	Ellen Emerson House
Giles Ethelind Roberta	Troy, N. Y.	Franklin King House
Gillespie Katherine Anne	Fairbanks, Alaska	Gillett House
Gimbel Sally	Dayton, O.	Chapin House
Gips Mary Jane	Scarsdale, N. Y.	Gardiner House
Gleason Elizabeth Joan	Buffalo, N. Y.	Sessions House
Goldman Jacqueline Elaine	Waterbury, Ct.	Morris House
Goodeve Ann	New York	Morrow House
Goodwin Althea Kendrick	Newton Center	Gillett House
Gore Anita	Port Washington, N. Y.	Wallace House
Gowen Mary Elizabeth	Ossining, N. Y.	Dawes House
Graham Nancy Elizabeth	Ridgewood, N. J.	Chapin House
Granstein Fanchon Barbara	Chicopee	Dewey House
Gray Dorothy Davis	Birmingham, Ala.	Sessions House
Green Jacqueline Ruth	Malden	Morris House
Greene Elizabeth Carrington	Bondville, Vt.	Chapin House
Griesemer Jane May	Reading, Pa.	Cushing House
Griffith Grace Edward	Manchester, Vt.	Franklin King House
Grove Marjorie	Port Washington, N. Y.	Albright House
Gust Katherine Jean	Detroit, Mich.	Franklin King House
Gwyer Virginia	Ardmore, Pa.	Chapin House
Haenschen Barbara Roxanne	Norwalk, Ct.	Parsons House
Hall Anne Cuthbert	Westerly, R. I.	Tyler House
Hall Nancy	Wellesley Hills	Lawrence House
Hamilton Phyllis Anne	Brooklyn, N. Y.	Gillett House
Hamlin Patricia Ann	Binghamton, N. Y.	Capen House
Hammond Phoebe Ann	Philadelphia, Pa.	Capen House
Hannon Betty Jane	Bristol, Ct.	Northrop House
Happel Margaret Virginia	St Louis, Mo.	Franklin King House
Harbach Ruth	Orchard Park, N. Y.	Gardiner House
Harris Frances Hope	Waban	Talbot House

Harrison Barbara	Cooperstown, N. Y.	Comstock House
Hartmann Barbara Watkins	Merchantville, N. J.	Franklin King House
Hawley Jane	Buffalo, N. Y.	Ellen Emerson House
Henton Mary Caroline	Spokane, Wash.	Tyler House
Hertz Elisabeth Flora	Washington, D. C.	Albright House
Hickman Mary Finch	Interlaken, N. J.	Wilder House
Hildebrand Barbara Ann	Marblehead	Gillett House
Hill Mary Whitmore	Wayzata, Minn.	Wallace House
Hill Peggy	Chicago	Caben House
Hilleboe Donna Lorraine	Rutherford, N. J.	150 Elm St.
Hillix Dorothy Alice	Kansas City, Mo.	Martha Wilson House
Hinckley Alice Mitchell	South Portland, Me.	Morrow House
Hiscock Margaret Brooks	New Haven, Ct.	Haven House
Hofman Ruth Joy	Huntington, N. Y.	Tyler House
Hogewind Cornelie Johanna	Washington, D. C.	Baldwin House
Hogg Mary Crocker	Centerville, Md.	Northrop House
Holbrook Mary Cabot	Brattleboro, Vt.	Northrop House
Holden Dolores Marie	Barre, Vt.	Gillett House
Holmes Jaquelin Smith	Jenkintown, Pa.	Chapin House
Homer Louise	New York	Morris House
Hope Jacqueline Anne	Waban	Cushing House
Horowitz Iris	Brooklyn, N. Y.	German House
Howell Katharine Fairbanks	Baltimore, Md.	Caben House
Howley Miriam Alice	Jamaica, N. Y.	Lawrence House
Hunter Carol Joan	New York	Morrow House
Huse Josephine Mathilde	Burlington, Vt.	Lawrence House
Ingram Virgilia	Pittsburgh, Pa.	Gardiner House
Jackson Ellen	Winchester	Washburn House
Jackson Joan	Manchester, N. H.	Northrop House
Jacobstein Joan Ruth	New Rochelle, N. Y.	Lawrence House
Jadwin Sally Josephine	Lowville, N. Y.	Franklin King House
Jahrling Frances Ann	Ridgewood, N. J.	Northrop House
James Dannie Bea	Oklahoma City, Okla.	Franklin King House
Jobson Margaret Bartholomew	Larchmont, N. Y.	Baldwin House
Johnston Virginia Helen	Brooklyn, N. Y.	Baldwin House
Jones Barbara Hester	Dover, N. J.	Martha Wilson House
Jones Betsy Burns	Portland, Ore.	Ellen Emerson House
Jones Janet Capelle	Larchmont, N. Y.	Talbot House
Jones Priscilla	Glen Ridge, N. J.	Cushing House
Jones Yvonne Ophelia	Springfield	Park House
Journeay Ann Doak	Houston, Tex.	Laura Scales House
Kahn Grace Helen	Little Rock, Ark.	Chapin House
Kallus Rita Adele	Brooklyn, N. Y.	Gillett House
Kamins Lillian Romaine	West Hartford, Ct.	Jordan House
Kaplan Phyllis Arlene	Brookline	Jordan House
Katz Susan Rita	Flushing, N. Y.	Jordan House
Keller Lucy Taylor	Lawrenceville, N. J.	Albright House
Kemble Jean Allen	Cambridge	Northrop House
Kennedy Jean Orbison	Wayne, Pa.	Chapin House
Kennedy Loretta Joan	Tulsa, Okla.	Franklin King House

Kennedy Susan	New York	Talbot House
Kent Joan	Orleans	Caben House
Kimball Charlotte Hollister	Northampton	Wilder House
King Elizabeth	Woodstock, Ill.	Baldwin House
King Jane Corlett	Cleveland, O.	Gardiner House
Kinsey Joyce Sinclair	Perrysburg, O.	Parsons House
Kleinstuck Caroline Hubbard	Kalamazoo, Mich.	Sessions House
Koenig Carol Walling	Amherst	Tyler House
Kolen Bebe	New Bedford	Comstock House
Kupperstein Carol Ann	New York	Wallace House
Laine Mary Darrah	Loudonville, N. Y.	Caben House
La Marche Virginia Allen	New London, Ct.	Jordan House
Lange Betty Jerry	Waynesville, O.	Park House
Lapides Joan Lucille	Hamden, Ct.	Haven House
Laufer Lee Doris	Hewlett, N. Y.	Comstock House
Lauterbach Judith Alisah	New York	German House
Leavitt Mary Craig	Needham	Baldwin House
Lederer Jenny	New York	Dawes House
Lehman Eleanor Mustin	Harrisburg, Pa.	Wallace House
Leiman Joan Ruth	Maspeth, N. Y.	Jordan House
Lent Mary Elizabeth	Passaic, N. J.	Ellen Emerson House
Lester Judith Dorothy	Lawrence, N. Y.	Gardiner House
Liebig Charlotte Steuart	Encino, Cal.	Clark House
Lillengren Mary Jane	St Paul, Minn.	Wallace House
Lind Jean Anne	Miami, Fla.	Hubbard House
Lindsey Ethelwyn Patricia	Richmond, Va.	German House
Lines Joan	Pelham, N. Y.	Jordan House
Lipton Shirley Fay	Elizabeth, N. J.	Morris House
Lisniansky Eleanor Faith	Springfield	Lawrence House
Liss Jean	New York	Washburn House
List Nancy Lloyd	Pittsburgh, Pa.	Chapin House
Lockwood Nina Harris	Indianapolis, Ind.	Sessions House
Lord Jean Winifred	Philadelphia, Pa.	Gillett House
Lowry Susan Jane	New York	Talbot House
Lusskin Ruth Laura	Englewood, N. J.	Northrop House
Lyon Ellen-Jane	Ocean Grove, N. J.	German House
Lyon Marjorie Elizabeth	Marblehead	Clark House
McBride Mary Eileen	Washington, D. C.	Comstock House
McCormack Mary Patricia	Media, Pa.	Wilder House
McDougle Mary Elizabeth	Urbana, Ill.	Sessions House
McGovern Nancy Frances	New Brunswick, N. J.	Comstock House
McIntosh Susan Stokes	New York	Caben House
Mackay Frances-Jana	Evanston, Ill.	Albright House
McKee Jane Robbins	Wellesley Hills	Wilder House
McLain Hilton	Staten Island, N. Y.	German House
McLaughlin Margaret Fairlie	Bronxville, N. Y.	Franklin King House
MacNichol Gladys Virginia	Greenwich, Ct.	Haven House
McQueeney Mary Louise	Bridgeport, Ct.	Northrop House
Malloy Shirley Anne	Seattle, Wash.	Morrow House
Man Lucy Frances Alexander	Forest Hills, N. Y.	Sessions House

Marchel Sarah Ellen	Connellsville, Pa.	Parsons House
Marcus Helen Mae	Mount Vernon, N. Y.	Dewey House
Marsh Molly	Portland, Me.	Wallace House
Martin Margaret Ellen	Spokane, Wash.	Haven House
Martin Rosamond Anne	Adams	Laura Scales House
Mason Lucile Gertrude	Montclair, N. J.	Gardiner House
Merrick Margaret Randolph	Winnetka, Ill.	Tyler House
Meyer Janice Blanchard	Faribault, Minn.	Talbot House
Mileson Marilyn Cameron	Portland, Me.	Laura Scales House
Miller Sylvia Ruth	Paterson, N. J.	Morris House
Miller Victoria Loring	Denver, Colo.	Sessions House
Mills Joan Skillin	Bridgeport, Ct.	Albright House
Minchin Harriet Carolyn	Greenwich, Ct.	Wilder House
Mitchell Helen Louise	Medford	Gillett House
Mitchell Lynda Gay	Hartford, Ct.	Martha Wilson House
Moldenhauer Isabel Albertina	Flemington, N. J.	Comstock House
Montgomery Lilian Rardon	Chicago	Gardiner House
Mooney Suzanne	Cincinnati, O.	Comstock House
Morton Marian	Cambridge	Albright House
Newburger Peggy Ellin	Westport, Ct.	Hubbard House
Noble Elizabeth Fredericka (Shaw)	Pasadena, Cal. Apt 104, G.I. Village	Amherst
Norris Anne Gilmore	Schenectady, N. Y.	Chapin House
Nutting Joyce	Niagara Falls, N. Y.	Morrow House
Oakley Mary Anne	Great Neck, N. Y.	Washburn House
O'Connor Patricia Eleanor	Fort Wayne, Ind.	Comstock House
Olander Marian	Kansas City, Mo.	Gardiner House
O'Mara Jean Marilyn	New York	Wilder House
Osborne Mary Agnes Wilson	Upper Montclair, N. J.	Hubbard House
Painter Juliana	New York	Morris House
Parker Alice Stuart	Charlemont	Washburn House
Parkes Jessie Imogene	Rumson, N. J.	Ellen Emerson House
Parrish Sarah Hosack	Carnegie, Pa.	Haven House
Parsons Polly Gaylord	Clarksburg, Cal.	Baldwin House
Peet Marguerite	Overland Park, Kan.	Dawes House
Peirson Jean Ferry	Pittsfield	Jordan House
Pentz Helen Jean	Du Bois, Pa.	Capen House
Perrins Mabeth Manly	Rochester, N. Y.	German House
Perry Pauline	Cambridge	Clark House
Petrone Christine Louise	Springfield	Lawrence House
Phelps Ruth Shepard	Wayzata, Minn.	Hubbard House
Phillips Mary Jane	Lebanon, O.	Park House
Pigors Sylvia Cabot	Framingham	Morris House
Pious Barbara May	Bridgeport, Ct.	Dewey House
Pitman Joyce	Winchester	Parsons House
Porter Harriet Louise	East Liverpool, O.	Gardiner House
Porter Isabel Anne	Upper Montclair, N. J.	Comstock House
Poterala Helen Edna	Springfield	Lawrence House
Powers Helen Janet	Poland, O.	Talbot House
Purrington Betty Jean	East Northfield	Lawrence House
Quinby Katharine Clara	East Orange, N. J.	Gillett House

Rabitz Florence Vivian	Bridgeport, Ct.	Lawrence House
Radford Beth Thomas	Louisville, Ky.	Laura Scales House
Rafferty June Elizabeth	Rye, N. Y.	Tyler House
Ralston Elizabeth Ann	Trenton, N. J.	Dewey House
Rausch Elizabeth	Plainfield, N. J.	Ellen Emerson House
Reese Katherine Lee	Riverside, Ct.	Tenney House
Reeser Shirley Irene	Maplewood, N. J.	Comstock House
Reppert Anne Hutchison Adams	Upper Montclair, N. J.	Capen Annex
Resnick Judith	Brookline	Northrop House
Ribble Nancy	Hackensack, N. J.	Morris House
Richardson Anne Frances	Lowville, N. Y.	Parsons House
Richardson Dorothea	Winchester	Ellen Emerson House
Richman Bernice	New York	Washburn House
Riley Monica	New York	Albright House
Ripley Janet Walker	Milford, Ct.	Baldwin House
Roberts Constance	Scarsdale, N. Y.	Talbot House
Robinson Ann	Dunkirk, N. Y.	Tyler House
Robinson Shavaun	Williamstown	Talbot House
Rohrbach Jean Stryker	Glen Ridge, N. J.	Gillett House
Rolling Louise Annette (Drew)	Amherst	Apt 61, G.I. Village, Amherst
Roman Jane Camilla	Chicago	Clark House
Rossett Marcia Belle	Richmond Hill, N. Y.	Northrop House
Rouleau Joan Marion	Scituate	Jordan House
Rowell Dorothy Frances	Cambridge	Laura Scales House
Rowley Elizabeth Hayden	Cleveland, O.	Franklin King House
Rusitzky Barbara	New Bedford	Gillett House
Russell Ruth	Hartford, Ct.	Sessions House
Rustici Jean Anne	Stamford, Ct.	Sessions House
Sabin Dorothea	Pasadena, Cal.	Cushing House
Sanderson Joan	Framingham Center	Albright House
Sater Margaret Scott	Summit, N. J.	Capen Annex
Sawyer Constance Bragdon	Lewiston, Me.	Tenney House
Sawyer Margaret Hazard	Cleveland Heights, O.	Wilder House
Schatz Davida Fagel (Schwartz)	Hartford, Ct.	Jordan House
Schofield Helen Elizabeth	Chestnut Hill, Pa.	Baldwin House
Scholder Paula Rose	Newark, N. J.	Washburn House
Schulting Nancy Anne	Passaic, N. J.	Ellen Emerson House
Schutt Minnie-Gardner	Bethel, Me.	Martha Wilson House
Schwarz Suzanne Henrietta	Lawrence, N. Y.	Park House
Scott Edith Mary	Washington, D. C.	Park House
Segal Fraude Ethel	Bangor, Me.	Franklin King House
Seibert Christine Louise	Sharon	Laura Scales House
Shaw Nancy Fernald	Boston	Ellen Emerson House
Shearer Venette Addison	Ardmore, Pa.	Lawrence House
Sheffield Agatha Spink	Newport, R. I.	Tyler House
Sherman Elizabeth Lois	Louisville, Ky.	Wilder House
Shumaker Margaret Blair	Washington, D. C.	Parsons House
Shute Margaret McDonald	Clinton, N. Y.	German House
Silver Beverly Jean	Bridgeport, Ct.	Park House
Simmons Mary Elizabeth Davis	New York	Parsons House

Sisk Mary Neal	Wilton, Ct.	Albright House
Skinner Dorothy Ann	Jacksonville, Fla.	Franklin King House
Sloan Patricia Ann	New York	Comstock House
Smith Eleanor Hope	Farmington, Ct.	Jordan House
Smith Genevieve Louise	Holyoke	German House
Smith Priscilla Ruth	Columbus, O.	Capen Annex
Smith Thalia Barbara	West Orange, N. J.	Dewey House
Spadone Estelle	Wolfeboro, N. H.	Haven House
Sparks Ellen Elizabeth	North Adams	Lawrence House
Spaulding Patricia Anne	Brookline	Jordan House
Spencer Natalie Anne	New York	Wallace House
Sperry Virginia Brown	Akron, O.	Ellen Emerson House
Spinelli Viola June	Stratford, Ct.	Albright House
Sprague Molly Louise	La Grange, Ill.	Laura Scales House
Sprague Patricia	Annnville, Pa.	Martha Wilson House
Spring Nancy Starr	Highland Park, Ill.	Laura Scales House
Starks Frances Powell	Louisville, Ky.	Wilder House
Stein Barbara Anne	New Rochelle, N. Y.	Parsons House
Sternlieb Lois	Brookline	Morris House
Steuer Eugenie Louise	Chicago	Chapin House
Stone Dorothy Dearborn	Flint, Mich.	Martha Wilson House
Stoneman Ellen	Columbus, O.	Talbot House
Stringfellow Winifred Ellen	Northampton	42 Day Av.
Strong Anne Guy	Long Beach, Cal.	Laura Scales House
Stuntz Elizabeth Jane	Lahore, India	Lawrence House
Swaney Nancy Orr	Evanston, Ill.	Haven House
Swanson Rosemary	Havre, Mont.	Sessions House
Talbert Matilda Clark	Lexington, Ky.	Baldwin House
Taylor Phoebe Agnes	Northampton	55 Dryads Green
Thompson Florence Elizabeth	Philadelphia, Pa.	Franklin King House
Tiedeman Nelle	Grosse Pointe, Mich.	Talbot House
Tomb Barbara Frantz	Newton Center	Martha Wilson House
Towler Jane	Darien, Ct.	Laura Scales House
Tracey Frances Cecilia	Nashua, N. H.	Laura Scales House
Tracy Helen Josephine	Fairfield, Ct.	Franklin King House
Tradup Jean Marie	West Englewood, N. J.	Morrow House
Trafford Polly Anne	New Bedford	150 Elm St.
Tressler Eleanor Marjorie	Westport, Ct.	Clark House
Trevellyan Ann	Kansas City, Mo.	Laura Scales House
True Thelma Darling	Concord	Northrop House
Ullman Edna Lee	St Louis, Mo.	Talbot House
Vallette Dorothy Alice	Ashburnham	Talbot House
Van der Noot Elizabeth Constance	Cuttingsville, Vt.	Dawes House
Van Winkle Barbara Dickson	Maplewood, N. J.	Martha Wilson House
Vezin Maria Hall (Gregory)	Litchfield, Ct.	Clark House
von Hofen Ellen Katherine	Northampton	Laura Scales House
Von Scheid Consuelo	Portland, Me.	Washburn House
Wadsworth Adriane	Farmington, Ct.	Sessions House
Wailes Elizabeth Ann	Sierra Madre, Cal.	Wilder House
Walker Alice Dean	Garden City, N. Y.	Capen House

Wallace Jane House	Fort Worth, Tex.	Sessions House
Wallace Sally Ann	Lunenburg	Wallace House
Washburn Janet Elizabeth	Tenafly, N. J.	Morris House
Watson Marie Bell	Kansas City, Mo.	Caben House
Wechsler Elaine Ruth (Slater)	Florence	29 Plymouth Av., Florence
Wenner Janet Bloor	Toledo, O.	Park House
White Alice Mack	Norwalk, O.	Chapin House
Whitehead Elizabeth Anne	Plainfield, N. J.	Morrow House
Whitham Margaret Howard Ridgely	Towson, Md.	Wilder House
Wickliffe Elizabeth Anne	Calumet, Mich.	Tyler House
Wilcox Ann Rogers	Winnetka, Ill.	Gillett House
Wilcox Barbara Hill	Grand Rapids, Mich.	Hubbard House
Wilder Jean Marie	Washington, D. C.	Chapin House
Wilkoff Faith	Youngstown, O.	Wallace House
Willcox Ann (Seidman)	South Norwalk, Ct.	Gillett House
Williams Arlene Esther	New York	Northrop House
Williams Mary Frances	Newburgh, N. Y.	150 Elm St.
Wilmore Margaret Jean	Cleveland, O.	Caben House
Wishnack Dolly Myra	Paterson, N. J.	Gardiner House
Wiswall Elaine Joyce	Loudonville, N. Y.	Franklin King House
Witt Mary Florence	Cincinnati, O.	Gardiner House
Wolcott Grace Hoagland	Chicago	Hubbard House
Wood Mary Wadsworth	Bayside, N. Y.	Baldwin House
Worcester Shirley	New York	Talbot House
Wortley Elizabeth Love	Middletown, O.	Parsons House
Wyker Alice Abeel	Bloomfield, N. J.	Chapin House
Wyman Sarah Hunt	St Louis, Mo.	Talbot House
Yake Janet Carolyn	Swampscott	Chapin House
Young Marian Loring	Wellesley Hills	Hubbard House
Young Shirley Ann	Grosse Pointe, Mich.	Tyler House
Zahler Judith Lenore	New York	Northrop House
Zeller Barbara Ann	Stonington, Ct.	Comstock House
Zerbey Jane Norris	Pelham Manor, N. Y.	Gillett House
Zgourides Emerald	Galveston, Tex.	Washburn House
Zinovick Tamara	Hartford, Ct.	German House
	Senior Class, 457	

GRADUATE STUDENTS

Adams John McKean		<i>Education and Child Study</i>
A.B. 1927 Harvard University	Northampton	47 Bridge St.
Affhauser Helen Hazel		<i>Art</i>
A.B. 1939 Smith College	Florence	26 Sumner Av., Florence
Andrade Helena		<i>Latin-American Fellow, Physical Education</i>
Professora em educação física 1943	University of Rio de Janeiro	
	Recife, Brasil	Park House
Andrieu Geneviève		<i>Foreign Fellow, English</i>
Diplôme d'Études Supérieures 1942 and Certificat		
d'Aptitude 1945 Faculté des Lettres, Sorbonne	Rémalard, France	Dawes House

Atkinson Marian Joyce A.B. 1944 Mount Holyoke College	West Brattleboro, Vt.	Teaching Fellow in History
Bantecas Alice George A.B. 1932 Hunter College of the City of New York A.M. 1936 Columbia University	Brooklyn, N. Y.	Chapin House English, French
Baron Robert H. B.S. 1943 University of Illinois	Chicago	Graduate House Theatre
Bates Mary Ellen B.A. 1943 Reed College	Vancouver, Wash.	59 West St. <i>Education and Child Study</i>
Benneyan Jean Louise B.A. 1946 Wellesley College	White Plains, N. Y.	12 Arnold Av. Teaching Fellow in Music
Bernales Ignacia Bachillerato 1938 Colegio Universitario Inglés	Latin-American Fellow, Education and Child Study	Fort Hill House
Biancalani Silvia Natalia Laurea in Lettere 1945 University of Florence	Santiago, Chile	10 Prospect St. <i>Foreign Fellow, English</i>
Bogert Elizabeth Ann A.B. 1938 and Diploma in Physical Education 1941 Smith College	Florence, Italy	Graduate House <i>Geology and Geography</i>
Bond Marjorie Helen B.S. 1944 University of California (Los Angeles)	Demarest, N. J.	54 Belmont Av. <i>Scholar in Physical Education</i>
Brainard Miriam Waldron A.B. 1929 Oberlin College	Los Angeles, Cal.	Fort Hill House <i>Psychology</i>
Brawley Robert Sumter A.B. 1940 University of North Carolina Mus. B. 1943 Yale University	Williamsburg	Williamsburg <i>Music</i>
Brennan Lillian Étoile A.B. 1946 Hunter College of the City of New York	Northampton	58 Paradise Rd <i>Trustee Fellow, Music</i>
Bunce Elizabeth Thompson A.B. 1937 and Diploma in Physical Education 1940 Smith College	Brooklyn, N. Y.	Fort Hill House Teaching Fellow in Physics
Butler Louise Marie S.B. 1946 Simmons College	Northampton	54 Belmont Av. <i>Education and Child Study</i>
Cassidy Margaret Carol B.S. in Ed. 1944 Framingham State Teachers College	Cambridge	Fort Hill House <i>Education and Child Study</i>
Chen Elaine Lowe B.A. 1946 Mills College	Uxbridge	36 Bedford Ter. <i>Chemistry</i>
	Oakland, Cal.	Graduate House

Conway Mae Elizabeth A.B. 1943 College of New Rochelle	Northampton	<i>Art</i>
Cook Janet Merrill A.B. 1935 Smith College	Amherst	19 Washington Av. <i>English</i>
Courbot Simone Odile Lic. ès L. 1943 et Droit 1944 University of Caen	Paris, France	Ellen Emerson House <i>Foreign Fellow, Sociology</i>
Crawford Charlotte Nolan A.B. 1935 Smith College	Portland, Me.	Graduate House <i>Art</i>
Cykowski Stanley B.A. 1946 Massachusetts State College	Easthampton	Fort Hill House <i>Economics</i>
Dale Adeline Marie A.B. 1942 Jamestown College	Bismarck, N. D.	35 Maple St., Easthampton <i>Chemistry</i>
Davis Nancy Buffington B.S. 1944 Woman's College, University of North Carolina	Arlington	Mandelle Annex <i>Scholar in Physical Education</i>
Dibble Frederick Norman B. A. 1946 Amherst College	Amherst	Graduate House <i>Psychology</i>
Dodge Frances A.B. 1941 Gettysburg College	Chevy Chase, Md.	Market Hill Rd, R.D. 3, Amherst <i>Teaching Fellow in Chemistry</i>
Doerpinghaus S. Leonard B.S. 1945 The College of the Ozarks	Clarksville, Ark.	Mandelle Annex <i>Research Fellow in Genetics</i>
Dole Dorothy Flint B.S. 1946 Tufts College	Melrose	108B South St. <i>Physical Education</i>
Douglas Dorothy Wolff A.B. 1912 Bryn Mawr College A.M. 1915 and Ph.D. 1925 Columbia University	Northampton	Fort Hill House <i>Russian</i>
Dower Catherine Anne A.B. 1945 Hamline University	South Hadley	54 Prospect St. <i>Music</i>
Driscoll Dorothy H. S.B. 1946 Radcliffe College	Brookline	Faculty Rd, South Hadley <i>Zoology</i>
Eddy Ruth Buchanan A.B. 1944 Pembroke College in Brown University	Newport, R. I.	78 Pomeroy Ter. <i>Physical Education</i>
Ellis Cynthia Lane A.B. 1944 Wheaton College	Torrington, Ct.	14 Washington Pl. <i>Education and Child Study</i>
Estermann Hannah B.S. 1946 Carnegie Institute of Technology	Pittsburgh, Pa.	Box 684, Amherst <i>Trustee Fellow, Spanish</i>
Falconer Elizabeth MacCurdy A.B. 1946 Smith College	New York	Fort Hill House <i>Spanish</i>
Fiorillo Alberta Lois A.B. 1946 De Pauw University	Yonkers, N. Y.	2 Howard St., Holyoke <i>Education and Child Study</i>
		Fort Hill House

Forrester Lillias Caroline B.A. 1946 University of Saskatchewan	Saskatoon, Sask., Canada	Teaching Fellow in Chemistry
Fraser Carol Winifred B.A. 1944 Acadia University	Wolfville, N.S., Canada	10 Prospect St. <i>Psychology</i>
Friede Elaine A.B. 1945 Hunter College of the City of New York	New York	76 Elm St. Teaching Fellow in Physics
Friedman Joel Joseph A.B. 1945 University of California	Northampton	10 Prospect St. <i>Theatre</i>
Furgeson Dorothy Esta B.A. 1929 Spokane University	Amherst	82 Bridge St. <i>English</i>
Gaines Gail Allyn A.B. 1941 Washburn College	Topeka, Kan.	245 Lincoln Av., Amherst <i>Chemistry, Physics, Zoology</i>
Gare Jessie Wood A.B. 1946 Smith College	Northampton	Mandelle Annex <i>Scholar in Physical Education</i>
Genett Catherine Mildred A.B. 1946 Brooklyn College	Brooklyn, N. Y.	27 Belmont Av. <i>Physical Education</i>
Gibbs Cora Lee Gethman A.B. 1946 Smith College	Amherst	Graduate House <i>Tuition Scholar, Art</i>
Godfrey Barbara Barnard A.B. 1940 Sweet Briar College	Annapolis, Md.	Physical Education Fort Hill House
Godfrey Gertrude Brown B.S. 1941 Teachers College	Florence	73 Myrtle St., Florence <i>Chemistry</i>
Graves Edith Frederika A.B. 1922 University of California	Schenectady, N. Y.	Russian 76 Elm St. <i>Music</i>
Greene Jane Bannard A.B. 1935 Smith College	Northampton	112 Washington Av.
A.M. 1937 Cornell University		
A.M. 1939 Radcliffe College		
Gross Eugene D. B.S. 1940 The City College of New York	Northampton	Theatre
Hall Warren Daniel, Jr. B.A. 1946 Amherst College	Northampton	23 Cedar St. <i>American Civilization</i>
Harper Jean Elizabeth B.S. 1946 Mary Washington College	Warrenton, Va.	59 Phillips Pl. <i>Physical Education</i>
Hayes George Matthias A.B. 1943 St Anselm College	Florence	Fort Hill House <i>Chemistry, Physics, Zoology</i>
Hieronymus Bess Estelle B.M. 1944 Mary Hardin-Baylor College	Temple, Tex.	60 Main St., Florence <i>Tuition Scholar, Music</i>
Horrigan Claire Marie A.B. 1944 Trinity College	Springfield	Fort Hill House <i>History</i>
Jennings Eleanor Victoria A.B. 1944 William Smith College	Candor, N. Y.	20 Stratford Ter., Springfield Teaching Fellow in History
		17 Henshaw Av.

Jones Margaret Lois		Physical Education
B.S. in Phys. Ed. 1941 University of Oklahoma	Oklahoma City, Okla.	47 Belmont Av.
Kazanoff Theodore Leon		Theatre
B.S. in S.S. 1943 The City College of New York	Northampton	18 Cedar St.
Kearns Ruth Ursula		English
B.A. 1946 Manhattanville College of the Sacred Heart	Springfield	41 Kimberly Av., Springfield
Koch Elmo Lutze	Lansdale, Pa.	Teaching Fellow in Chemistry
A.B. 1946 Gettysburg College		Fort Hill House
Kolsrud Marit	Oslo, Norway	Foreign Fellow, Education and Child Study
University of Oslo		Martha Wilson House
Koo Alice Chung-ming	Princeton, N. J.	Foreign Fellow, Physics
B.S. 1946 St John's University		Martha Wilson House
Kramer Etta Riva	Brooklyn, N. Y.	Trustee Fellow, English
A.B. 1946 Hunter College of the City of New York		Fort Hill House
Kuhns Florence Baumbach	Amherst	Teaching Fellow in Psychology
A.B. 1946 Smith College		Apt 22, G.I. Village, Amherst
Lahman M. Carol		English
B.A. 1946 Oklahoma Agricultural and Mechanical College	Stillwater, Okla.	10 Prospect St.
Landre Doris Elizabeth	Jamaica, N. Y.	American Civilization
A.B. 1944 Barnard College		Park Annex
Latham Eleanor Ruth	Leicester	Teaching Fellow in Music
A.B. 1945 Vassar College		Graduate House
Le Gouis Madeleine Jeanne		Foreign Fellow, English, History
Baccalauréat de Philosophie 1942, Certificats d'Études		
Pratiques Anglaises and de Philologie Anglaise 1944		
University of Lyon	Ecully, France	Graduate House
Lemmon Maryalice		Education and Child Study
A.B. 1945 Stanford University	Sacramento, Cal.	10 Prospect St.
Li Shui Mei		Special Scholar, Religion
B.A. 1931 Lingnan University	Canton, China	Graduate House
M.A. 1938 University of Washington		
Lipnick Esther		English
B.S. in Ed. 1943 Worcester State Teachers College	Webster	171 Main St.
Logan Muriel Annette		Education and Child Study
B.S. 1934 Russell Sage College	Northampton	51 Henshaw Av.
Lowe Leatrice		Chemistry
A.B. 1946 Stanford University	Oakland, Cal.	Graduate House
Lus Kitty		Teaching Fellow in Chemistry
B.A. 1942 Austin College	Dallas, Tex.	Mandelle Annex
McBee Alice Eaton, 2d		History
A.B. 1941 Sweet Briar College	Northampton	267 Crescent St.
B.S. 1943 Columbia University		
A.M. 1946 Smith College		

McCraven Isabel Pringle A.B. 1944 Smith College	Glen Ridge, N. J.	<i>Teaching Fellow in Physics</i> Fort Hill House
Macri Beatrice Phyllis B.S. 1945 University of Connecticut	Meriden, Ct.	<i>Teaching Fellow in Bacteriology</i> Graduate House
Maehara Oei A.B. 1939 MacMurray College for Women	Puunene, Hawaii	<i>Fellow in Education and Child Study</i> Fort Hill House
Magner Marjorie Elene B.Sc. in Ed. 1943 University of Omaha	Omaha, Neb.	<i>Education and Child Study</i> 51 Round Hill Rd
Maia Alice dos Santos Faculdade de Filosofia, Porto Alegre	Porto Alegre, Brasil	<i>Art, French, Government</i> Washburn House
Mali Claire A.B. 1945 Smith College	New York	<i>Teaching Fellow in Government</i> Graduate House
Mallette Lucy Catherine B.A. 1946 Pomona College	San Francisco, Cal.	<i>Fellow in Education and Child Study</i> 10 Prospect St.
Marsh Peggy Lou Tanquary B.A. 1946 Mary Washington College	Hagerstown, Md.	<i>Physical Education</i> Fort Hill House
Mather Carol Jean B.A. 1946 Beloit College	Larchmont, N. Y.	<i>History</i> Fort Hill House
Meehan Frederick D. B.A. 1936 Williams College	Northampton	<i>Education and Child Study</i> Haydenville Rd
Michalíková Zora First State Examination 1943 Slovak University (Bratislava)	Bratislava, Czechoslovakia	<i>Foreign Fellow, English, French</i> Graduate House
Miller Harry Brill A.B. 1946 University of Michigan	Jersey City, N. J.	<i>Teaching Fellow in Theatre</i> 59 West St.
Moore Ruth Evelyn A.B. 1928 Bates College	West Farmington, Me.	<i>Education and Child Study</i> 36 Bedford Ter.
Morgan Jane B.S. 1946 Allegheny College	Youngstown, O.	<i>Teaching Fellow in Zoology</i> Graduate House
Mullaly Franklin Russell B.A. 1940 American International College	Easthampton	<i>History</i> 198 Main St., Easthampton
Munday Mildred Brand A.B. 1940 Randolph-Macon Woman's College	Lynchburg, Va.	<i>English</i> Fort Hill House
Nellis Lois Fonda A.B. 1946 William Smith College	Geneva, N. Y.	<i>Teaching Fellow in Bacteriology</i> Fort Hill House
Nelson Elizabeth Ann A.B. 1946 Mount Holyoke College	Minneapolis, Minn.	<i>Art</i> Granby
Nelson Johnny Fae A.B. 1943 Baylor University	Houston, Tex.	<i>Teaching Fellow in Theatre</i> Mandelle Annex
Niemiro Irena University of Warsaw	Gdańsk, Poland	<i>Tuition Scholar, English</i> Graduate House

O'Connor Jane Hughes		<i>Education and Child Study</i>
A.B. 1946 San Francisco College for Women	San Francisco, Cal.	Fort Hill House
Phleger Marjorie Temple		<i>Theatre</i>
B.S. 1929 University of Southern California		
Powell Elizabeth Anne	Amherst	40 Orchard St., Amherst
A.B. 1944 Earlham College	Washington, D. C.	<i>Scholar in Physical Education</i>
Quick Marian Amelie		Fort Hill House
B.A. 1941 Pennsylvania State College		<i>Education and Child Study</i>
Riddell Mera Munn	Meshoppen, Pa.	51 Round Hill Rd
B.S. 1946 George Washington University		<i>Teaching Fellow in Zoology</i>
Risley Edward Baker	Washington, D. C.	Graduate House
B.S. 1946 Massachusetts State College		<i>Research Fellow in Botany</i>
Rock Elizabeth Jane	Northampton	108A South St.
B.S. 1946 College of Mount St Vincent		<i>Teaching Fellow in Chemistry</i>
Rostas Edith Sebestyen	Plattsburgh, N. Y.	Fort Hill House
M.S. 1941 Massachusetts State College		French
Rothfels Ursula Clara	Amherst	33 Kendrick Pl., Amherst
A.B. 1945 Pembroke College in Brown University		<i>Teaching Fellow in Zoology</i>
Rowland Nancy Patricia	Providence, R. I.	Graduate House
B.A. 1946 University of Toronto	Toronto, Canada	<i>Trustee Fellow, English</i>
Roy Geraldine Frances		Fort Hill House
B.S. 1945 Skidmore College	Springfield	<i>Education and Child Study</i>
Sachet Marie-Hélène		78 Pomeroy Ter.
Lic. ès Sciences 1942 University of Montpellier	James Hazen Hyde	<i>Research Fellow, Genetics</i>
Samson June Louise	Moulins, France	Graduate House
A.B. 1937 Brown University	Latin-American Fellow, English, History, Italian	
Sainz María Teresa		
Teacher's Diploma 1944 University of San Francisco Xavier	Sacre, Bolivia	Martha Wilson House
		<i>Tuition Scholar, Music</i>
Sandburg Jocelyn	Sayre, Pa.	Graduate House
B.S. 1945 Skidmore College	Springfield	Art
Saunders Alta Melissa	81 Pineywoods Av., Springfield	
B. Ed. 1942 Keene Teachers College		<i>Education and Child Study</i>
Sebree June Louise	Hanson	26 Kellogg Av., Amherst
B.S. 1944 Indiana State Teachers College		<i>Physical Education</i>
Shaub Mary Sumner	Terre Haute, Ind.	Mandelle Annex
A.B. 1934 and A.M. 1935 Smith College		Spanish
S.B. 1936 Simmons College	Northampton	159 Elm St.

Shen Shu Chin		Foreign Fellow, Zoology
B.S. 1941 National South-West Associated University	Huchow, China	10 Prospect St.
Sherman Beila		Teaching Fellow in Botany
A.B. 1945 Hunter College of the City of New York	New York	10 Prospect St.
Smith Marion Davis		American Civilization
A.B. 1946 Radcliffe College	Lexington	45 Elm St.
Smith Sally Bell		Teaching Fellow in Theatre
A.B. 1944 Vassar College	Swampscott	Fort Hill House
Sonthoff Helen Wolfe		English
A.B. 1937 Smith College	Northampton	29 Harrison Av.
Starkus Elizabeth		Russian
A.B. 1941 Smith College	Northampton	R.D. 2
Steedman Jane Wheeler		Psychology
A.B. 1944 Hunter College of the City of New York		
A.M. 1945 Clark University	Mount Vernon, N. Y.	32 Bedford Ter.
Stewart Roberta A.		Research Corporation Fellow, Chemistry
B.S. 1944 University of New Hampshire		
A.M. 1946 Smith College	Rochester, N. H.	10 Prospect St.
Sweezey Ruth Arlene		Physical Education
B.S. 1945 University of Wisconsin	Coldwater, Mich.	276 Elm St.
Tansill Diana Mary		French
B.S. 1946 Mary Washington College		
Taylor William Robert	Fredericksburg, Va.	Fort Hill House
A.B. 1943 Harvard University	Northampton	American Civilization
Thomson Mary Noreen		218 Elm St.
Teachers' Certificate in Physical Education		Teaching Fellow in Physical Education
1944 Cape Town Training College		
Port Elizabeth, Union of South Africa		Park House
Tió Alicia Villar		Music
B.A. 1941 College of the Sacred Heart (Santurce)		
	Santurce, Puerto Rico	108 Maynard Rd
Vigneras Otilie Elizabeth		Spanish
A.B. 1930 Smith College	Northampton	38 Paradise Rd
Volpel Eloise Rose		Teaching Fellow in Zoology
A.B. 1946 Lewis & Clark College	Portland, Ore.	Fort Hill House
Wagner Arthur		Theatre
A.B. 1946 Earlham College	New York	59 West St.
Wallace Barbara Jean		Physical Education
B.S. Ed. 1945 University of Michigan		
	Fort Myers Beach, Fla.	Wesley House
Walsh Anne Katherine		Teaching Fellow in Music
B.S. 1946 Juilliard School of Music	Buffalo, N. Y.	Graduate House
Ward Kathryn Antoinette		Trustee Fellow, Music
A.B. 1946 Hunter College of the City of New York	New York	Graduate House
Wasser Judith Kay		Trustee Fellow, Psychology
A.B. 1946 Barnard College	New York	Fort Hill House

Wedge Eleanor Frances		<i>Trustee Fellow, English</i>
A.B. 1946 Hunter College of the City of New York	New York	
Weems Verna Vail	Sebring, Fla.	Fort Hill House <i>Education and Child Study</i>
B.A. 1946 Agnes Scott College		10 Prospect St. <i>French</i>
Wilbur Beryl Burnett	Ashland	78 Pomeroy Ter. <i>Economics</i>
B.A. 1940 Wellesley College		Mandelle Annex <i>Bacteriology</i>
Wiles Valerie June	Tahawus, N. Y.	
A.B. 1946 Swarthmore College		Sunnyside
Wilson Marion Evans		<i>Teaching Fellow in Music</i>
B.S. in Med. Tech. 1939 Temple University	Philadelphia, Pa.	Graduate House
Wittenberg Doris Marian	Jamaica, N. Y.	
B.S. 1946 New York University		

FELLOWS NOT IN RESIDENCE

Clement Evans Vaughan		<i>Marjorie H. Nicolson Fellow, Physics</i>
A.B. 1942 Smith College	Berkeley, Cal.	University of California
M.A. 1945 University of California		
Cochran Mary Isabell		<i>Smith Students' Aid Society Fellow, Social Work</i>
A.B. 1945 Smith College	Meshed, Iran	
Gill Jocelyn Ruth		New York School of Social Work
B.A. 1938 Wellesley College		<i>Harriet Boyd Hawes Scholar, Astronomy</i>
S.M. 1941 University of Chicago		
Lerner Arline Joan		
A.B. 1945 Smith College		
Lichenstein Lois Janet	Maywood, Ill.	University of California
A.B. 1946 Smith College		<i>Smith Students' Aid Society Fellow, Medicine</i>
Oliver Mary Putnam	New York	Columbia University
A.B. 1946 Smith College		<i>Alumnae Association Fellow, English</i>
Prescott Harriet Sara	Schenectady, N. Y.	Columbia University
A.B. 1945 Smith College		<i>Alumnae Association Fellow, Medicine</i>
Schwartz Jane	Washington, D. C.	Columbia University
A.B. 1945 Smith College		<i>Jean Fine Spahr Fellow, Mathematics</i>
Steinherz Elga Ruth	Florence	Columbia University
A.B. 1945 Smith College		<i>Fanny Bullock Workman Fellow, History</i>
Waltzer Harriet Susan	Allentown, Pa.	Yale University
A.B. 1944 Hunter College of the City of New York		<i>Fanny Bullock Workman Fellow, Chemistry</i>
A.M. 1945 Smith College	Great Neck, N. Y.	Radcliffe College
		<i>Marjorie H. Nicolson Fellow, English</i>

SCHOOL FOR SOCIAL WORK

SENIORS

Berk Edna Marion		Brooklyn, N. Y.
A.B. 1945 Mount Holyoke College		
Borden Bertha Barish		New York
B.A. 1930 University of Manitoba		
Braunstein Anna Mina		Pittsburgh, Pa.
A.B. 1927 University of Pittsburgh		

Brodsky Thelma Shirley	Worcester
A.B. 1945 Clark University	
Brown Marjorie Mollie	Sacramento, Cal.
A.B. 1944 University of California	
Camper Shirley Ruth Isenberg	Chicago
B.A. 1945 University of Wisconsin	
Chauncey Juanita Belle	Vallejo, Cal.
A.B. 1943 University of Akron	
Cohen Betty Ann	Jackson Heights, N. Y.
A.B. 1945 Queens College	
Dorfman Ruth Zelde	Philadelphia, Pa.
A.B. 1942 University of Pennsylvania	
Friedman Beatrice Louise	Moscow, Idaho
B.S. (Bus.) 1933 University of Idaho	
Fuhrer Sylvia Joyce	Jersey City, N. J.
A.B. 1936 New Jersey College for Women	
Furchtgott Ruth Elizabeth	Brooklyn, N. Y.
A.B. 1944 George Washington University	
Geer Alberta Mildred	Schenectady, N. Y.
B.S. 1944 Syracuse University	
Gordon Ruth Allen	Trenton, N. J.
B.A. 1944 Talladega College	
Hart Miriam Patrick	Charleston, W. Va.
A.B. 1925 Hollins College	
Herbert Bruno	Brooklyn, N. Y.
A.B. 1937 and A.M. 1938 Brooklyn College	
Herrmann Dorothy Emma	Lexington, Ky.
A.B. 1943 Oberlin College	
Jerech Melitta	Newport, R. I.
A.B. 1945 Pembroke College in Brown University	
Johnson Frances Perdue	Salisbury, Md.
A.B. 1945 Goucher College	
Kahn Alice Rosalie	New York
A.B. 1943 Smith College	
Kaplan Leah Hope Lebeson	New Haven, Ct.
B.A. 1943 University of Minnesota	
Kaufman Riesha Frances	Kimball, W. Va.
B.S. (Soc. Work) 1945 West Virginia University	
Kerr Marion Jean	Princeton, N. J.
B.A. 1944 Wellesley College	
Knapp Patricia Durnford	Greenwich, Ct.
A.B. 1945 Smith College	
Kosky Phyllis Selma	Brighton
S.B. 1944 Simmons College	
Kuehnle Shirley Elaine	Hartford, Ct.
B.A. 1942 Saint Joseph College	
Levine Ruth Jeanne	New York
B.S. 1945 Cornell University	
Lowe Hanna Ruth	New York
A.B. 1944 Connecticut College	

Lull Lorraine Charlotte	Woodman, Wis.
Mus. B. 1931 Lawrence College	
Lundelius Rhesa MacIntyre	Springfield
B.A. 1945 American International College	
McCarthy Catherine Van Voorhis	Rochester, N. Y.
A.B. 1929 University of Rochester	
McLellan Jean Ellen	Minneapolis, Minn.
B.A. 1944 University of Minnesota	
Mitchell Susanne Marie Bergel	New York
A.B. 1945 Mount Holyoke College	
Myers Vera Carolyn	Springfield
A.B. 1943 Mount Holyoke College	
Nicom Dorothy Dowdall	Meadowbrook, Pa.
Pfleger Janet Hamilton	Bennington, Vt.
A.B. 1942 Colby College	
Pinkus Helen Sarita	Rollinsville, Colo.
A.B. 1940 Stanford University	
Portmann Jean Frances	Cincinnati, O.
A.B. 1945 University of Cincinnati	
Price Lovel	Scranton, Pa.
A.B. 1943 Vassar College	
Ramm Katharine McHale	South Orange, N. J.
B.S. 1944 Columbia University	
Reed Thelma Zena	Cochran, Ga.
A.B. 1944 University of Georgia	
Rotenberg Gertrude	Miami, Fla.
B.Sc. in Soc. Adm. 1943 Ohio State University	
Rothseid Doris Bernice	Newark, N. J.
B.S. 1945 Northwestern University	
Rucker Irene Nancy	St Louis, Mo.
B.S. 1942 Tennessee Agricultural and Industrial State Teachers College	
Russem Louise Lown	Lewiston, Me.
A.B. 1944 Tufts College	
Schiffer Jean Hilb	Cincinnati, O.
Sells Winifred Young	Palmyra, N. Y.
B.S. in Soc. Adm. 1938 Ohio State University	
Snider Mildred Juanita	Des Moines, Ia.
B.A. 1938 State University of Iowa	
Spellman Jean Kathryn	Hempstead, N. Y.
A.B. 1944 Hofstra College	
Timbers Vida Hortense	Philadelphia, Pa.
A.B. 1945 Mount Holyoke College	
Weitz Ruth Ann	Grantwood, N. J.
B.A. 1945 Alfred University	
Wing Dolores J.	Vallejo, Cal.
A.B. 1942 University of California	
Witbeck Gloria Adelaide Bruce	Cleveland, O.
A.B. 1945 Western Reserve University	
Young Hazel Marie	Bridgeport, O.
A.B. 1937 Ohio University	

PLAN A
Session III

Eula Cleo Mishkin	New York
A.B. 1945 Hunter College of the City of New York	
Feinman Lillian Jeanette	Jersey City, N. J.
A.B. 1945 New York University	
Hefterman Rachel	Manchester, N. H.
B.S. 1945 University of New Hampshire	
Hewlett Jane Dorice	Jamaica, N. Y.
A.B. 1945 Queens College	
Longfellow Esther Marie	Hallowell, Me.
A.B. 1945 Bates College	
Park Janice	Bristol, Ct.
B.S. 1945 Hartford Seminary Foundation	
Reed Joycelyn Bertrice	New Orleans, La.
A.B. 1945 Dillard University	

Session I

Barhite Jane Elizabeth	Rochester, N. Y.
A.B. 1946 University of Rochester	
Baumgardner Phyllis Davison	Madison, N. J.
A.B. 1946 Randolph-Macon Woman's College	
Bor Flora	New York
B.A. 1945 Pennsylvania State College	
Clark Ruth Elizabeth	Scotia, N. Y.
B.A. 1946 Pennsylvania State College	
Cohn Catherine Elva	Rochester, N. Y.
A.B. 1945 William Smith College	
Fowler Claire Ethel	New York
A.B. 1946 Barnard College	
Gradous Marilyn Jean	Chicago
B.A. 1946 Rockford College	
Harrison Vera Anne	Hamilton, O.
B.S. 1941 Wilberforce University	
Harsha Helen Irene	Akron, O.
A.B. 1946 University of Akron	
Henderson Margaret	Wellesley Hills
A.B. 1945 Skidmore College	
Henderson Phyllis Eleanor	Maplewood, N. J.
A.B. 1946 Upsala College	
Koch Gladys Anne	Reading, Pa.
Louie Joan Chao Yih	Montreal, Canada
B.A. 1946 McGill University	
Morris Jean Mary	Des Moines, Ia.
B.A. 1943 State University of Iowa	
Nicodemus Margaret Fairlie	Smithtown Branch, N. Y.
Pentlarge Barbara Jane	Montclair, N. J.
A.B. 1945 University of North Carolina	
Pfeiffer Ruth Ida	Dayton, O.
B.S. Ed. 1944 Ohio University	

Posson Margaret Eleanor	Medina, N. Y.
B.S. in S.S. 1938 Boston University	
Powell Miriam Louise	Brooklyn, N. Y.
A.B. 1945 New York University	
Richards Mary Elizabeth	Hebron, Neb.
A.B. 1946 University of Nebraska	
Schetlin Isabel Katherine	New York
A.B. 1946 Barnard College	
Silver Mary Lou	Cincinnati, O.
A.B. 1943 University of Cincinnati	
Spector Gertrude Marina	Harrisburg, Pa.
B.A. 1946 Pennsylvania State College	
Steele Muriel Hamilton	Newark, N. J.
A.B. 1946 Smith College	
Watson Millicent Virginia	Harrisburg, Pa.
B.A. 1946 Pennsylvania State College	
Webb Katharine Norwood	Philadelphia, Pa.
A.B. 1943 University of Pennsylvania	
Williams Frances Alberta	Alexandria, Ky.
B.Sc. in Edu. 1937 Ohio State University	

PLAN B

Baldwin Dorothy Sheffey	New York
A.B. 1928 Hollins College	
Beck Lena Kathleen	Johnsonburg, Pa.
B.S. in Com. 1931 Temple University	
Bedal Susan Farrington	Marblehead
B.A. 1934 Wellesley College	
Brodie Madelon Jane	Portland, Ore.
B.A. 1939 Reed College	
Buchanan Patty Ree	Lexington, Ky.
A.B. 1934 Eastern Kentucky State Teachers College	
Carmody Mildred Leonard	Montclair, N. J.
B.A. 1939 Saint Lawrence University	
Christian Mary Walker	Horse Cave, Ky.
A.B. 1939 University of Kentucky	
Colteryah Clara Margaret	Pittsburgh, Pa.
A.B. 1927 Pennsylvania College for Women	
M.Litt. 1941 University of Pittsburgh	
Combs Ruth Searls	Houston, Tex.
A.B. 1934 East Texas State Teachers College	
Curtis Mary Gladys Donovan	Cincinnati, O.
B.S. Ed. 1927 Miami University	
Curtis Norma Ruth Boiles	Youngstown, O.
A.B. 1944 Ohio University	
Elowitz Gertrude	New York
B.S. 1936 Marywood College	
Epperson Ruth Yolande	Schenectady, N. Y.
B.S. 1938 New York State College for Teachers	

Flanagan Mary Elizabeth A.B. 1933 Temple University	Philadelphia, Pa.
Fleitzer Marjorie Rose B.S. 1941 Saint Joseph College	New Britain, Ct.
Gannett Annie Beryl B.S. 1941 College of William and Mary	Richmond, Va.
Garrison Mary Glenn A.B. 1937 Wesleyan College	Cornelia, Ga.
A.M. 1941 Emory University	
Hill Louise Elizabeth A.B. in Education 1939 Howard University	Washington, D. C.
Hubbard Theodora Louise A.B. 1936 Radcliffe College	Cambridge
A.M. 1941 Boston University	
Jacobsen Virginia Jane A.B. 1934 State Teachers College of San Diego	San Diego, Cal.
M.S. in Ed. 1945 University of Southern California	
Johnson Jane Meredith B.A. 1936 Beloit College	River Forest, Ill.
Jolley Mary Elizabeth A.B. 1938 Lindenwood College	Mexico, Mo.
Kent Edith A.B. 1946 Hunter College of the City of New York	New York
Koehler Betty Carolyn A.B. 1939 University of California	San Mateo, Cal.
Lerner Samuel A.B. 1938 University of Newark	Newark, N. J.
McIntire Mary Virginia B.A. in Soc. Work 1940 University of Oklahoma	Ardmore, Okla.
Meyer Mary Louise A.B. 1937 University of Cincinnati	Cincinnati, O.
Nelson Norma Evelyn B.A. in Ed. 1944 Eastern Washington College of Education	Spokane, Wash.
Pawson Pansy B.M.E. 1938 Oklahoma College for Women	Granite, Okla.
Peterson Electra B.S. 1937 University of Pittsburgh	Johnstown, Pa.
Ratliffe Lorraine Muriel A.B. 1939 University of Alabama	Gate City, Va.
Schmidt Marie Zinzow A.B. 1929 Ripon College	Milwaukee, Wis.
Scudder Jane de Forest A.B. 1932 University of Pittsburgh	Pittsburgh, Pa.
Sherrill Margaret Lena A.B. 1930 Oberlin College	Los Angeles, Cal.
Ulmer Harriet Lorraine B.Sc. 1937 University of Cincinnati	Cincinnati, O.
van Houten Janny Doctorate Examination in Law 1943 University of Groningen	Amsterdam, Holland

Wills Marie Battle
 S.B. 1931 Boston University
 Wolfe Estelle
 A.B. 1936 Hunter College of the City of New York

Chaplin, Ct.

Far Rockaway, N. Y.

PLAN C

Campbell Mary Young B.Sc. 1941 University of Manitoba	Vancouver, Canada
Coombe Dorothy Louise B.A. 1927 University of British Columbia	Vancouver, Canada
Cothran Susan Lee B.A. 1946 Winthrop College	Greenwood, S. C.
Doherty Helen Elizabeth Dougherty Sarah Ann B.S. 1946 College of Mount Saint Vincent	Hornell, N. Y. Schenectady, N. Y.
Everness Agnes Haygarth B.A. 1922 University of Bristol	London, England
Hayward Helen Louise B.A. 1934 College of Wooster	Cincinnati, O.
Leonardi Josephine Beatrice B.S. 1931 New York University	New York
Marsh Marie Emma A.B. 1946 Elmira College	Valois, N. Y.
Rendall Harriet Elizabeth B.A. 1946 Wells College	Morrison, Ill.
Ryan Margaret Mary A.B. 1929 University of Cincinnati	Cincinnati, O.

SEMINARS

Abramson Irma, A.B., M.S., Medical Social Worker, Jewish Hospital, Brooklyn, N. Y.
Adelberg Hildegard, Absolutorium, M.S.S., Case Worker, Jewish Board of Guardians, New York
Aldridge Anne Whyte, A.B., M.S.S., Psychiatric Social Worker, Fairfax Co. Child Consultation Service, Falls Church, Va.
Atkins Marjorie B., A.B., M.Sc. (Soc. Admin.), Case Supervisor, Family Service Agency, Chattanooga, Tenn.
Ashenden Barbara J., B.S., M.S., Social Worker, Children's Psychiatric Service, Harriet Lane Home, Johns Hopkins Hospital, Baltimore, Md.
Axelrad Ruth K., A.B., M.S.S., Director, Dept of Social Service, National Jewish Hospital, Denver, Colo.
Babtiste Margaret, B.S., Case Work Supervisor, American Red Cross, Norwalk, Ct.
Barber Edwina, Case Worker, Family Welfare Assn, Dayton, O.
Barish Sarah, A.B., Case Supervisor, Dept of Welfare, New York
Barker Marianna L., A.B., M.S., Supervisor, American Red Cross, Louisville, Ky.
Baum Betty, A.B., M.S.S., Case Worker, Family Society, Philadelphia, Pa.
Braucher Warren K., A.B., M.S.S., Supervisor of Family Service, American Red Cross, Springfield
Bridges Selma H., B.S., M.S., Chief of Social Service, Massachusetts Memorial Hospitals, Boston

- Burks Eleanor H., A.B., Case Supervisor, Home Service, American Red Cross, Louisville, Ky.
- Chapman Mary Elizabeth, A.B., A.M., Case Worker, Family Society, Pittsburgh, Pa.
- Cone Madge E., B.S., Asst Intake Consultant, American Red Cross, Cincinnati, O.
- Conner Alice P., A.B., A.M., Consultant on Foster Care, Family Welfare Assn, Scranton, Pa.
- Cox Elsie M., A.B., Social Worker, Johns Hopkins Hospital, Baltimore, Md.
- Donnell Catherine, A.B., M.S., Case Worker, Family Service, Yonkers, N. Y.
- Entorf Eleanor P., A.B., M.S.S., Educational Supervisor, Social Service Dept, Johns Hopkins Hospital, Baltimore, Md.
- Foster Arline E., B.S., M.S. in Social Service, Case Worker, State Charities Aid Assn, New York
- Frank Maude S., A.B., Executive Secretary, Cincinnati Committee on Maternal Health, Cincinnati, O.
- Freedman Sarah, B.S., Social Worker, Jewish Social Service Bureau, Springfield
- Gale Joyce, A.B., M.Sc. (Soc. Admin.), Asst Field Director, American Red Cross, Station Hospital, Camp Kilmer, N. J.
- Gates Mary R., A.B., M.S.S., Veterans Admin. Hospital, Lexington, Ky.
- Gearhart Edna, A.B., A.M., Supervisor of Social Service, Winnebago State Hospital, Winnebago, Wis.
- Glucksman Marcia R., B.S., M.S.S., Supervisor, Children's Intake and Foster Home Unit, Child Adoption Committee, New York
- Hamilton Lucile P., A.B., M.S., Supervisor, Family Service Society, Hartford, Ct.
- Harris Janet, A.B., M.S., Stamford, N. Y.
- Healey Isabel, A.B., M.S., Public Health Social Work Supervisor, State Dept of Public Health, Pittsfield
- Hiatt Catherine C., A.B., M.S.S., Hospital Supervisor, American Red Cross, Washington, D. C.
- Horigan Anita M., A.B., M.S., Case Worker, Family Service, Catholic Charities, New York
- Hoyt Gertrude E., B.S., M.A., Chief Social Worker, Veterans Admin., Fargo, N. D.
- Hyde Marjorie, B.S., M.S., Case Worker, New Hampshire Children's Aid Society, Manchester, N. H.
- King Mary S., A.B., M.S.W., Child Welfare Supervisor, State Dept of Public Welfare, Columbus, O.
- Kinnie Georgina R., A.B., M.S.S., Chief Social Worker, Veterans Admin., Coatesville, Pa.
- Kirkpatrick Mabel, Asst Director of Social Service, Dept of Mental Hygiene, Albany, N. Y.
- Klaw Alma, A.B., Vocational Counselor, Vocational Service Center, New York
- Kline Frances, Ph.B., Director of Social Service, Sydenham Hospital, New York
- Leahy Margaret, A.B., A.M., Technical Adviser, Bureau of Public Assistance, Federal Security Agency, Washington, D. C.
- Lofton Laura G., B.S., Case Worker and Student Supervisor, Institute for Juvenile Research, Chicago
- Lyons Dorothy R., B.S., M.A., M.S.S., Senior Psychiatric Social Worker, Northern New Jersey Mental Hygiene Clinics, Greystone Park, N. J.
- McCoy Rose, A.B., A.M., Case Worker and Supervisor, Lakeside Children's Center, Milwaukee, Wis.

- McGuinness Dorothy A., A.B., Case Worker, Family Service, Catholic Charities, New York
- Mason Mildred A., A.B., M.S., Supervisor, Medical Social Service, Presbyterian Hospital, Pittsburgh, Pa.
- Miller Winifred, A.B., M.S.S., Supervisor, Children's Bureau, Indianapolis, Ind.
- Myers Natalie E., A.B., M.S.S., Hospital Field Supervisor, American Red Cross, Chicago
- Osborn Nora J., A.B., Case Worker, American Red Cross, Lincoln, Neb.
- Osgood Margaret K., A.B., M.S.S., Lexington
- Phillips Loris, A.B., A.M., M.S.W., Medical Case Work Supervisor, Veterans Admin., Los Angeles, Cal.
- Price Lucile W., A.B., Child Welfare Worker, State Dept of Public Welfare, Jackson, Miss.
- Reebel Katherine R., A.B., A.M., M.S.S., Associate Professor, Ohio State University
- Ring Rose, A.B., A.M., Senior Case Worker, Long Island College Hospital, Brooklyn, N. Y.
- Ryan Gertrude A., B.S., M.S., Supervisor, Social Service Dept, Gouverneur Hospital, New York
- Saeltzer Harriette, A.B., M.S.S., Case Work Supervisor, American Red Cross, Fitzsimons General Hospital, Denver, Colo.
- Scanlon Lois H., A.B., A.M., School Social Worker, Bureau of Child Guidance, New York
- Shepard Emily L., A.B., M.S., Supervisor, Medical Social Service, New Haven Hospital, New Haven, Ct.
- Sherrill Helen H., A.B., M.S.S.A., Psychiatric Case Worker, Mental Hygiene Clinic, Louisville, Ky.
- Silverman Sol S., B.S., M.A., Asst Director, Home Service, American Red Cross, Springfield
- Smith Mavis Ann, A.B., M.S.W., Senior Case Worker, Family Service Agency, Flint, Mich.
- Snyder Lillian M., B.S., M.S.S., Asst Field Director, American Red Cross, Washington, D. C.
- Stradford Genevieve T., A.B., M.S.S., Child Guidance Counselor, Institute for Juvenile Research, Chicago
- Tamlyn Elisabeth, A.B., M.S., Medical Social Worker, American Red Cross, Cushing General Hospital, Framingham
- Thompson Clara C., A.B., M.S.W., Medical Case Work Supervisor, Veterans Admin., Los Angeles, Cal.
- Trattner Yvette, A.B., Medical Social Worker, Jewish Hospital, Brooklyn, N. Y.
- Voigt Mary S. F., A.B., M.S.S., Chief Social Worker, Veterans Admin., Boston
- Wall Nell K., A.B., Case Supervisor, Worcester Children's Friend Society, Worcester
- Walsh Ellen, A.B., M.S.S.W., Medical Social Worker, St Vincent's Hospital, New York
- Wheeler Elizabeth, A.B., M.S., Case Work Supervisor, Massachusetts General Hospital, Boston
- Winslow Nellie L., A.B., A.M., Hospital Social Worker, American Red Cross, U. S. Naval Hospital, Oakland, Cal.

NONCOLLEGiate STUDENTS

Cassi Teresa	Rochester, Pa.	Box 364, Hadley
Courniotes Angelica	Chicopee Falls	14 Taylor St., Chicopee Falls
De Witt Jean Burnett	Northampton	209 Crescent St.
Emery Ruth May	Northampton	Rockland Heights
French Constance Alice	Florence	13 Park St., Florence
Gassel Sylvia	New York	82 Bridge St.
Graham Alice Catherine	Springfield	27 Langworthy Rd
Kazanoff Shirlienne	New York	18 Cedar St.
Skelton Mary Elisabeth	Florence	88 N. Main St., Florence

SUMMARY

Freshman Class (1950)	587
Sophomore Class (1949)	519
Junior Class (1948)	552
Senior Class (1947)	457
Graduate Students	142
Nonresident Fellows	10
Noncollegiate Students	9
 Total in the Winter Session	2276
School for Social Work	207
 Total	2483

SCHEDULES OF MIDYEAR AND
FINAL EXAMINATIONS

SCHEDULE OF MIDYEAR EXAMINATIONS FOR THE YEAR 1946-47

The term "sectioned course" as used in this schedule means a course in which there are no hours of meeting in common for all the students of the course.

Examinations for courses not included will be arranged before the examination period.

	Friday, Jan. 24	Saturday, Jan. 25	Monday, Jan. 27	Tuesday, Jan. 28	Wednesday, Jan. 29
8:00- 10:20	All classes scheduled for W Th F 2 except sectioned courses	Music 11 Music 21	All classes scheduled for Th F S 10 except sectioned courses	Hygiene 11a	Philosophy 11 Philosophy 24
10:30- 12:50	Speech 11 Speech 12a Speech 13 Speech 14	All classes scheduled for Th F S 9 except sectioned courses	All classes scheduled for Th F S 12 except sectioned courses	All classes scheduled for M T W 10 except sectioned courses	All classes scheduled for M T 5 except sectioned courses
2:30- 4:50	All classes scheduled for M T W 9 except sectioned courses	English 11	German 11 German 11b German 12 German 26 Latin 13a	All classes scheduled for M T 4 except sectioned courses	History 11

SCHEDULE OF MIDYEAR EXAMINATIONS FOR THE YEAR 1946-47—*Continued*

	Thursday, Jan. 30	Friday, Jan. 31	Saturday, Feb. 1	Monday, Feb. 3	Tuesday, Feb. 4
8:00– 10:20	All classes scheduled for Th F 5 except sectioned courses	All classes scheduled for Th F 4 except sectioned courses	All classes scheduled for W Th F 3 except sectioned courses	Physics 11	French 22
10:30– 12:50	French 11b French 12 French 13 French 26 French 28 French 311a	Mathematics 11a Mathematics 12 Mathematics 13 Mathematics 21	Psychology 12	All classes scheduled for M T W 2 except sectioned courses	All classes scheduled for Th F S 11 except sectioned courses
2:30– 4:50	All classes scheduled for M T W 3 except sectioned courses	All classes scheduled for M T W 12 except sectioned courses	All classes scheduled for M T W 11 except sectioned courses	Italian 11 Spanish 11 Spanish 11D Spanish 12 Spanish 25	Economics 21

SCHEDULE OF FINAL EXAMINATIONS FOR THE YEAR 1946-47

This schedule should be consulted before courses are elected.

The term "sectioned course" as used in this schedule means a course in which there are no hours of meeting in common for all the students of the course.

Examinations for courses not included will be arranged before the examination period.

	Thursday, May 29	Saturday, May 31	Monday, June 2	Tuesday, June 3	Wednesday, June 4
8:00- 10:20	All classes scheduled for M T W 11 except sectioned courses	All classes scheduled for M T W 10 except sectioned courses	All classes scheduled for Th F S 10 except sectioned courses	All classes scheduled for M T W 9 except sectioned courses	All classes scheduled for Th F S 11 except sectioned courses
10:30- 12:50	Psychology 12	Hygiene 11b		Speech 12b	French 22
2:30- 4:50	All classes scheduled for W Th F 3 except sectioned courses	All classes scheduled for M T 4 except sectioned courses	German 11 German 11b German 12 German 26 Latin 13b	All classes scheduled for W Th F 2 except sectioned courses	Economics 21

The hours at which the examinations in Speech 11, 13, and 14
will be given will be announced later.

SCHEDULE OF FINAL EXAMINATIONS FOR THE YEAR 1946-47—Continued

	Thursday, June 5	Friday, June 6	Saturday, June 7	Monday, June 9	Tuesday, June 10
8:00- 10:20	All classes scheduled for M T W 12 except sectioned courses	English 11	French 11D French 12 French 13 French 26 French 28 French 311b	Philosophy 11 Philosophy 24	Italian 11 Spanish 11 Spanish 11D Spanish 12 Spanish 25
10:30- 12:50	All classes scheduled for Th F 4 except sectioned courses		Music 11 Music 21	All classes scheduled for Th F 5 except sectioned courses	All classes scheduled for M T 5 except sectioned courses
2:30- 4:50		Mathematics 11b Mathematics 12 Mathematics 13 Mathematics 21	All classes scheduled for Th F S 9 except sectioned courses	History 11	Physics 11

The hours at which the examinations in Speech 11, 13, and 14 will be given will be announced later.

INDEX

- Absence
 because of Illness, 43, 65, 66
 from Examinations, 65
- Acceleration, 67
- Administrative Officers, 7
- Admission to College, 57
 April Examinations, 59
 Foreign Examinations, 59
 Regents' Examinations, 59
 Requirements, 57-63
 Advanced Standing, 57, 62
 Graduate Students, 158
 Noncollegiate Students, 62
 Service Women, 59, 62
- Advisers
 Faculty, 32, 70
 Major, 68, 69, 70
- Alumnae Association Officers, 33
- American Civilization Major, 154
- Architecture and Landscape Architecture Courses, 74, 75, 76, 77, 81
 Major, 155
- Art Courses, 73
 Entrance Requirements, 58, 60
 Astronomy Courses, 77
- Attendance, 64
- Auditors, 63, 71
- Bacteriology Courses, 117
 Major, 156
- Bequests, 2
- Bible Entrance Requirements, 58, 61
- Biblical Literature Courses, 140
- Bills, 42, 43, 44
- Board, 44, 50, 163
- Botany Courses, 79
- Buildings, 54
- Calendars
 College, 5
 Yearly, 4
- Chemistry Courses, 82
- Child Study Courses, 91
- Classics Department, 85
- College Board Regulations, 59
- Committees
 Faculty, 31
 Trustee, 6
- Comparative Literature Course, 88
- Co-operative Houses, 50
- Correspondence, 33
- Course Cards, 41, 70, 71, 158
- Curriculum, 68-70
- Day School, Smith College, 39
- Dean's List, 70, 172
- Degrees Conferred, 178
- Degrees, Requirements for
 Bachelor of Arts, 62, 64, 67, 68
 Doctor of Philosophy, 160
 Master of Arts, 133, 159
 Master of Education, 91, 133, 159
 Master of Science in Physical Education
 133, 160
 Master of Social Science, 168
- Deposits, 41, 43
- Diploma in Physical Education, 132, 160
- Dutch Course, 107
- Economics Courses, 88
- Education Courses, 91
- Election of Courses, 70
- Elisabeth Morrow Morgan Nursery School, 39
- English Courses, 95
- Entrance
 Examinations, 58-62
 Requirements, *see* Admission and Requirements
- Examinations
 Absence from, 65
 Schedule, 250
- Exclusion from College, 41, 44, 67, 131
- Expenses, 42, 43, 44, 50
- Faculty, 7
- Failures, 67, 131
- Fee for
 Auditors, 63
 Graduate Work, 163
 Graduation, 43, 163
 Noncollegiate Students, 63
 Practical Music, 44, 125, 128
 Radio, 42
 Registration, 43, 57
 Riding, 44, 132
 Transcripts, 44
- Fellowships, 161
- French Courses, 99
- Freshman Honors, 70, 177
- Freshman and Sophomore Requirements, 68, 71
- Geology and Geography Courses, 103

- German Courses, 106
Government Courses, 109
Grades, 64, 65, 67, 69, 70, 71, 161
Graduate Record Examination, 158
Graduate Study, 132, 158-63
Greek Courses, 85, 140
Heads of Houses, 30
Health, 42, 58, 133, 163
Hebrew Course, 141
Historical Sketch, 35
History Courses, 111
Honors, 69, 70
 Conferred, 171, 182, 183
Hygiene Courses, 116
 Requirements, 68, 116
Insurance, 42, 163
Interdepartmental Majors, 38, 69, 151, 154
Italian Courses, 118
Junior and Senior Requirements, 68
Junior Years Abroad, 38, 69
Latin Courses, 86
Loans, 44, 50
Major, the, 68, 69
 Advisers, 68, 69, 70
Mathematics Courses, 120
Minimum of Hours, 62, 67, 71, 159
Music Courses, 122
 Entrance Requirements, 58, 61
 Fees for Practical Music, 44, 125, 128
National Scholarships, 49
Naval Reserve Midshipmen's School, 40
Noncollegiate Students, 62
Norwegian Course, 107
Nursery School, Elisabeth Morrow Morgan, 39
Phi Beta Kappa Society, 53
Philosophy Courses, 128
Physical Education Courses, 131
 Requirement, 67, 68, 131
 Graduate Work, 132, 160
Physical Plant, 54
Physics Courses, 134
Physiological Chemistry Major, 156
Polish Courses, 142
Portuguese Courses, 146
Premedical Science Major, 157
Prizes, 51, 53
Psychology Courses, 137
Professional Schools, Preparation for, 155,
 156
Reading Clinic, 91
Readmission, 41, 66
Registrar's List, 65
Registration, 57, 65
 for Graduate Students, 158
Religion Courses, 140
Requirements for Admission, 57-63
 Art, 58, 60
 Bible, 58, 61
 Music, 58, 61
Residence, 41, 50, 62, 64, 67
 for Graduate Students, 163
 Scholarships, 50
Riding Fees, 44, 132
Rooms
 Assignments, 41, 57
 Furnishings, 42
Rules for Election of Courses, 70
Russian Courses, 142
Scholars, List of, 171
Scholarship, 64, 65, 67, 69, 70
Scholarships, 44-50, 161
 National, 49
 Residence, 50
Scholastic Achievement Tests, 58-60
 Aptitude Test, 58-60, 62
Self-Held Bureau, 50
Service Women, 59, 62
Shortage, 67, 71
Sigma Xi, Society of the, 53
Signs and Abbreviations, 9, 72
Smith College Day School, 39
Social Work, School for, 39, 164-70
Sociology Courses, 143
Spanish Courses, 145
Speech Courses, 148
Students' Aid Society, 50, 162
Students in College, 189
 Summary of, 248
Teaching Fellows, 158, 161
Theatre Courses, 150
Transcripts, 44, 62, 158, 163
Trustees, 6
Tuition, 44
 for Graduate Students, 163
 Free, 41, 45, 161, 162
Veterans, 59, 62
Vocational Office, 54
Warnings, 67
Withdrawal from College, 41, 43, 66, 131
Work Missed through Absence, 64
Zoology Courses, 152

SMITH COLLEGE BULLETIN



Catalogue Issue
1947-1948

NORTHAMPTON, MASSACHUSETTS

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SERIES 42

JANUARY, 1948

NUMBER 3

SMITH COLLEGE BULLETIN



Catalogue Issue
1947-1948

NORTHAMPTON, MASSACHUSETTS

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The Director of Scholarships and Student Aid, College Hall 3

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The Warden, Smith College

QUESTIONS FROM PARENTS RELATING TO HEALTH OF STUDENTS:

The College Physician, Smith College

QUESTIONS FROM PARENTS AND SCHOOLS RELATING TO SCHOLARSHIP:

The Registrar, Smith College

SMITH COLLEGE SCHOOL FOR SOCIAL WORK:

Director of the School, College Hall 8

ALUMNAE AFFAIRS:

Miss Florence H. Snow, The Alumnae House

VISITORS

Visitors are welcome at the College and student guides are available, ready to accompany them around the campus. The offices in College Hall are open Monday through Friday from 9 A.M. to 4 P.M. and on Saturday until 1 P.M. At other times members of the staff are available for interview only if an appointment is made in advance.

TABLE OF CONTENTS

	PAGE
Correspondence and Visitors	2
Yearly Calendar	4
College Calendar	5
The Board of Trustees	6
The Faculty and Staff	7
Officers of the Alumnae Association	33
Historical Sketch	34
General Information	40
Admission of Students	56
Advanced Standing	60
Returned Service Women	61
Noncollegiate Students	61
Auditors	61
Residence and Attendance	62
The Curriculum	65
Courses of Study	72
Graduate Study	158
Smith College School for Social Work	165
Honors and Degrees	173
Summary of Students in College	190
Schedule of Examinations	192
Index	197

1947 : 1948 : 1949

JULY 1947							JANUARY 1948							JULY 1948							JANUARY 1949										
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COLLEGE CALENDAR

1947-1948

Freshmen will arrive	Monday, Sept. 22
Required registration at Assembly 8:30 A.M.	Wednesday, Sept. 24
Classes begin at 9:00 A.M.	Thursday, Sept. 25
Mountain Day (holiday)	A day subsequent to Oct. 12
Meeting of the Board of Trustees	Friday, Oct. 17
Thanksgiving Day (holiday)	Thursday, Nov. 27

WINTER RECESS

Wednesday, Dec. 17, 12:50 P.M., to Thursday, Jan. 8

Required registration at Assembly 8:30 A.M.	Thursday, Jan. 8
Reading period	Jan. 13-22
Free Day	Thursday, Jan. 22
Midyear examinations	Jan. 23-Feb. 3
Second semester begins	Thursday, Feb. 5
Required registration at Assembly 8:30 A.M.	
Meeting of the Board of Trustees	Friday, Feb. 20

SPRING RECESS

Wednesday, Mar. 17, 12:50 P.M., to Thursday, Apr. 1

Required registration at Assembly 8:30 A.M.	Thursday, Apr. 1
Reading period	May 17-26
Free Day	Wednesday, May 26
Final Examinations	May 27-June 8
Memorial Day (holiday)	Monday, May 31
Meeting of the Board of Trustees	Friday, June 11
Commencement Day	Monday, June 14

1948-49

Freshmen will arrive	Monday, Sept. 20
Required registration at Assembly 8:30 A.M.	Wednesday, Sept. 22
Classes begin at 9:00 A.M.	Thursday, Sept. 23

Dates are subject to change if circumstances demand.

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JOSEF WIEHR, PH.D. <i>Professor Emeritus of German Language and Literature (1937)</i>	Spartanburg, S. C.

* Date of retirement.

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THE FACULTY

(Arranged within each rank in alphabetical order, with date of appointment to the present rank. † Absent for the year; * absent for the first semester; ** absent for the second semester; || with the Juniors in France; ‡ in Mexico; § in Geneva; ¶ in Italy; ¹ appointed for the first semester; ² appointed for the second semester.)

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(and Officers of Equivalent Rank)

HERBERT DAVIS, M.A., LL.D. <i>President and Professor of English Language and Literature (1940)</i>	8 Paradise Rd
--	---------------

DOROTHY SEARS AINSWORTH, PH.D. <i>Professor of Physical Education (1937)</i>	15 Barrett Pl.
GLADYS AMELIA ANSLOW, PH.D. <i>Professor of Physics on the Gates Foundation (1936) and Director of Graduate Study</i>	72 Dryads Green 45 Prospect St.
NEWTON ARVIN, A.B. <i>Professor of English Language and Literature (1940)</i>	
DOROTHY CAROLIN BACON, PH.D. <i>Professor of Economics (1938)</i>	Caben House
†RICHARD BOYD BALLOU, ED.D. <i>Professor of Education and Child Study (1946)</i>	
ALBERT FRANCIS BLAKESLEE, PH.D., SC.D. (HON.), LL.D. <i>Visiting Professor of Botany and Director of the Smith College Genetics Experiment Station (1942)</i>	32 Paradise Rd
MARION FRANCES BOOTH, A.B., B.SC., M.D. <i>College Physician and Professor of Hygiene and Bacteriology (1944)</i>	Gateway House
*ANTONIO BROSA <i>Professor of Music (1944)</i>	13 Belmont Av.
GLADYS EUGENIA BRYSON, PH.D. <i>Professor of Sociology (1940)</i>	Lawrence House
C. PAULINE BURT, PH.D., SC.D. (HON.) <i>Professor of Chemistry (1937)</i>	101 Prospect St.
JESSIE YEREANCE CANN, PH.D. <i>Professor of Chemistry (1929)</i>	36 Bedford Ter.
JOAQUÍN CASALDUERO, DOCTOR EN FILOSOFÍA Y LETRAS <i>Professor of Spanish Language and Literature (1944)</i>	712 Bridge Rd
HÉLÈNE CATTANÈS, DOCTEUR DE L'UNIVERSITÉ DE PARIS <i>Professor of French Language and Literature (1939)</i>	Chesterfield
MARY ELLEN CHASE, PH.D., LITT.D., L.H.D. <i>Professor of English Language and Literature (1929)</i>	16 Paradise Rd
ANNETTA I. CLARK, A.B., A.M. (HON.) <i>Secretary of the Board of Trustees (1924)</i>	146 Elm St.
MARY EVELYN CLARKE, PH.D. <i>Professor of Philosophy (1937)</i>	9 Barrett Pl.
ALISON LOOMIS COOK, A.B. <i>Warden (1944)</i>	138 Elm St.
HALLIE FLANAGAN DAVIS, A.M., L.H.D. <i>Professor of Drama and Director of Theatre (1942)</i>	36 Paradise Rd
FLORENCE ROBERTS DAY, M.SC. (SOC. ADMIN.) <i>Director of the Smith College School for Social Work (1943)</i>	70 N. Elm St.
**DOROTHY WOLFF DOUGLAS, PH.D. <i>Professor of Economics (1946)</i>	54 Prospect St.
ELIZABETH DREW, B.A. <i>Visiting Professor of English Language and Literature (1947)</i>	73 Prospect St.
ERNEST CHARLES DRIVER, PH.D. <i>Professor of Zoology (1945)</i>	119 Prospect St.
ELEANOR SHIPLEY DUCKETT, PH.D., D.LIT. <i>Professor of Classical Languages and Literatures on the John M. Greene Foundation (1928)</i>	16 Paradise Rd
JOHN WOODS DUKE <i>Professor of Music (1938)</i>	58 Paradise Rd

ESTHER CLOUDMAN DUNN, PH.D.	82 Massasoit St.
Professor of English Language and Literature on the Mary Augusta Jordan Foundation (1927)	
ALFRED EINSTEIN, DR.PHIL.	28 Roe Av.
Professor of Music (1939)	
SAMUEL ATKINS ELIOT, JR., A.B.	31 Dryads Green
Professor of English Language and Literature (1946)	
†HAROLD UNDERWOOD FAULKNER, PH.D., L.H.D.	
Professor of History on the Dwight W. Morrow Foundation (1931)	
†ROSS LEE FINNEY, B.A.	
Professor of Music (1942)	
LEONA CHRISTINE GABEL, PH.D.	16 Washington Av.
Professor of History (1940)	
J. MONTGOMERY GAMBRILL, A.M.	26 Barrett Pl.
Visiting Professor of History (1947)	
PAUL GERALD GRAHAM, PH.D.	5 Munroe St.
Professor of German Language and Literature (1943)	
*VINCENT GUILLOTON, AGRÉGÉ DE L'UNIVERSITÉ	58 Paradise Rd
Professor of French Language and Literature (1929)	
LELAND HALL, M.A.	71 Dryads Green
Professor of Music (1934)	
SAMUEL RALPH HARLOW, PH.D.	307 Prospect Heights
Professor of Religion and Biblical Literature on the Charles N. Clark Foundation (1923)	
CHARLES JARVIS HILL, PH.D.	231 Crescent St.
Professor of English Language and Literature (1944)	
ALICE M. HOLDEN, PH.D.	Jordan House
Professor of Government (1946)	
VERA BROWN HOLMES, PH.D.	Wilder House
Professor of History (1931)	
HAROLD EDWARD ISRAEL, PH.D.	42 West St.
Professor of Psychology (1937)	
WERNER JOSTEN	95 Round Hill Rd
Professor of Music (1925)	
CLARENCE KENNEDY, PH.D.	44 Pomeroy Ter.
Professor of Art (1931)	
RUTH LEE KENNEDY, PH.D.	20 Franklin St.
Professor of Spanish Language and Literature (1944)	
†HANS KOHN, DR.JUR.	
Professor of History on the Sydenham Clark Parsons Foundation (1934)	
**OTTO FREDERICK KRAUSHAAR, PH.D.	39 Lyman Rd
Professor of Philosophy (1939)	
MANFRED KRIDL, PH.D.	54 Belmont Av.
Visiting Professor of Slavic Languages and Literatures (1946)	
OLIVER WATERMAN LARKIN, A.M.	65 Bridge St.
Professor of Art (1931)	
RENSSELAER WRIGHT LEE, PH.D.	105 Elm St.
Professor of Art (1940)	
PAUL ROBERT LIEDER, PH.D.	62 Kensington Av.
Professor of English Language and Literature (1925)	

ARTHUR WARE LOCKE, A.M.	96 Round Hill Rd
<i>Professor of Music on the Henry Dike Sleeper Foundation (1921)</i>	
ESTHER LOWENTHAL, PH.D.	21 Dryads Green
<i>Professor of Economics on the Robert A. Woods Foundation (1921)</i>	
<i>and Dean of the Faculty</i>	
NEAL HENRY MCCOY, PH.D.	53 Ridgewood Ter.
<i>Professor of Mathematics (1942)</i>	
HARRIET DOROTHEA MACPHERSON, PH.D.	36 Bedford Ter.
<i>Librarian (1943)</i>	
HOWARD AUGUSTUS MEYERHOFF, PH.D.	7 Hampton Ter.
<i>Professor of Geology and Geography (1934)</i>	
*NORA MAY MOHLER, PH.D.	27 Langworthy Rd
<i>Professor of Physics (1946)</i>	
WILSON TOWNSEND MOOG, B.A., MUS.B.	98 Bancroft Rd
<i>Professor of Music (1923)</i>	
HELEN MUCHNIC, PH.D.	69 Belmont Av.
<i>Professor of Slavic Languages and Literatures (1947)</i>	
ABBIE MABEL O'KEEFE, M.D.	Hubbard House
<i>Associate Physician and Professor of Hygiene and Bacteriology (1929)</i>	
WILLIAM AYLOTT ORTON, M.A., D.SC. (ECON.), LL.D.	135 Vernon St.
<i>Professor of Economics (1922)</i>	
SIDNEY RAYMOND PACKARD, PH.D.	45 Ward Av.
<i>Professor of History (1930)</i>	
*HOWARD MADISON PARSHLEY, S.D.	250 Elm St.
<i>Professor of Zoology (1925)</i>	
†HOWARD ROLLIN PATCH, PH.D., LITT.D.	
<i>Professor of English Language and Literature (1924)</i>	
SUSAN MILLER RAMBO, PH.D.	71 Ridgewood Ter.
<i>Professor of Mathematics (1937)</i>	
JOHN REICH, PH.D.	116 N. Elm St.
<i>Production Director, Theatre</i>	
FRANCES LUTHER RICH, A.B.	76 N. Elm St.
<i>Director of Public Relations (1947)</i>	
SOLON ROBINSON	32 Barrett Pl.
<i>Professor of Music (1940)</i>	
MARGARET LE BRETON ROOKE, M.A.	36 Bedford Ter.
<i>Professor of Italian Language and Literature (1928)</i>	
STANLEY CURTIS ROSS, A.B., LL.D.	Williamsburg
<i>Visiting Professor of Economics (1946)</i>	
MYRA MELISSA SAMPSON, PH.D.	60 Harrison Av.
<i>Professor of Zoology (1929)</i>	
EDGAR CRAIG SCHENCK, M.F.A.	75 Dryads Green
<i>Acting Director of the Smith College Museum of Art (1947)</i>	
VINCENT M. SCRAMUZZA, PH.D.	65 Ward Av.
<i>Professor of History (1943)</i>	
†JOY SECOR, A.M.	
<i>Registrar (1944)</i>	
EDNA ASTON SHEARER, PH.D.	21 Dryads Green
<i>Professor of Philosophy (1923)</i>	

EMILY LEDYARD SHIELDS, PH.D.	49 Prospect St.
<i>Professor of Classical Languages and Literatures (1928)</i>	
VERA A. SICKELS, A.M.	49 Dryads Green
<i>Professor of Speech (1947)</i>	
DORIS SILBERT, A.M.	58 Paradise Rd
<i>Professor of Music (1946)</i>	
WILLIAM SENTMAN TAYLOR, PH.D.	55 Dryads Green
<i>Professor of Psychology (1926)</i>	
AGNES CARR VAUGHAN, PH.D.	Tyler House
<i>Professor of Classical Languages and Literatures (1945)</i>	
†ALPHONS P. A. VORENKAMP, PH.D.	
<i>Professor of Art (1939) and Curator of Prints and Drawings</i>	
**SETH WAKEMAN, PH.D.	58 Paradise Rd
<i>Professor of Education and Child Study (1925)</i>	
EDGAR WIND, PH.D.	35 Woodlawn Av.
<i>William Allan Neilson Research Professor in Art (1944)</i>	
ROBERT WITHINGTON, PH.D., OFFICIER DE L'INSTRUCTION PUBLIQUE	
<i>Professor of English Language and Literature (1925)</i>	63 Dryads Green
F. WARREN WRIGHT, PH.D.	42 Franklin St.
<i>Professor of Classical Languages and Literatures (1937)</i>	

ASSOCIATE PROFESSORS

(and Officers of Equivalent Rank)

†DANIEL AARON, PH.D.	
<i>Associate Professor of English Language and Literature (1946)</i>	
HARRIETTE OVERTON AULL, A.M.	204 Crescent St.
<i>Associate Professor of Physical Education (1939)</i>	
SARA BACHE-WIIG, PH.D.	36 Prospect Av.
<i>Associate Professor of Botany (1934)</i>	
LOUISE MARIE BOURGOIN, LIC. ÈS L., O.A.	231 Elm St.
<i>Associate Professor of French Language and Literature (1930)</i>	
CLIFFORD RICHARDSON BRAGDON, A.M., ED.M.	8 Green Av.
<i>Associate Professor of Education and Child Study (1946)</i>	
†EDITH BURNETT, B.S.	
<i>Associate Professor of Theatre (Dance) (1932)</i>	
**MICHELE F. CANTARELLA, A.M.	51 Belmont Av.
<i>Associate Professor of Italian Language and Literature (1939)</i>	
ESTHER CARPENTER, PH.D.	60 Harrison Av.
<i>Associate Professor of Zoology (1943)</i>	
Gwendolen MARGARET CARTER, PH.D.	58 Harrison Av.
<i>Associate Professor of Government (1947)</i>	
WILLIAM ARMISTEAD CHRISTIAN, PH.D.	148 Crescent St.
<i>Associate Professor of Religion and Biblical Literature (1944)</i>	
ROBERT FRANK COLLINS, A.M.	33 North St., Williamsburg
<i>Associate Professor of Geology and Geography (1935)</i>	
†VIRGINIA CORWIN, B.D., PH.D.	
<i>Associate Professor of Religion and Biblical Literature (1942)</i>	
MARGARET BRACKENBURY CROOK, B.A.	30 Washington Av.
<i>Associate Professor of Religion and Biblical Literature (1923)</i>	

ROBERT GORHAM DAVIS, A.M.	98 Maynard Rd
Associate Professor of English Language and Literature (1945)	
BIANCA DEL VECCHIO, DIPLOMA DI MAGISTERO	142 Green St.
Associate Professor of Music (1943)	
*NEAL BREAULE DE NOOD, PH.D.	Haydenville
Associate Professor of Sociology (1943)	
†MARION DE RONDE, A.B.	
Associate Professor of Music (1946)	
ALFRED YOUNG FISHER, DOCTEUR DE L'UNIVERSITÉ DE DIJON	54 Kensington Av.
Associate Professor of English Language and Literature (1943)	
†ELIZABETH ANDROS FOSTER, PH.D.	
Associate Professor of Spanish Language and Literature (1926)	
ELIZABETH FAITH GENUNG, M.S. IN AGR.	41 West St.
Associate Professor of Bacteriology (1926)	
†JAMES JEROME GIBSON, PH.D.	210 Elm St.
Associate Professor of Psychology (1937)	
GERTRUDE GOSS	115 Elm St.
Associate Professor of Physical Education (1939)	
MARGARET STORRS GRIERSON, PH.D.	66 Massasoit St.
College Archivist and Executive Secretary of the Association of Friends of the Library (1940)	
RENÉ GUIET, DOCTEUR DE L'UNIVERSITÉ DE PARIS	70 Washington Av.
Associate Professor of French Language and Literature (1926)	
MADELEINE GUILLOTON, LIC. ÈS L., A.M. *	France
Associate Professor of French Language and Literature (1931)	
ANNA M. HAMLIN	62 Kensington Av.
Associate Professor of Music (1947)	
ELIZABETH SANDERS HOBBS, D.SC.	Williamsburg
Associate Professor of Zoology (1946)	
KATHERINE GEE HORNBEAK, PH.D.	Martha Wilson House
Associate Professor of English Language and Literature (1941)	
YVONNE IMBAULT-HUART, BI-ADMISSIBILITÉ À L'AGRÉGATION, O.A.	Wallace House
Associate Professor of French Language and Literature (1927)	
RICHARD EDWARD JOHNSON, PH.D.	211 Elm St.
Associate Professor of Mathematics (1947)	
MERVIN JULES	66 Paradise Rd
Associate Professor of Art (1946)	
MARGARET KEMP, PH.D.	Chapin House
Associate Professor of Botany (1946)	
*CAROLINE HEMINWAY KIERSTEAD, PH.D.	41 Harrison Av.
Associate Professor of Geology and Geography (1940)	
KATE RIES KOCH, A.M., M.L.D.	48 Ward Av.
Associate Professor of Landscape Architecture (1927)	
§ELISABETH KOFFKA, PH.D.	Switzerland
Associate Professor of History (1944)	
LIZBETH R. LAUGHTON, B.A.	76 Crescent St.
Associate Professor of Speech (1925)	
Alice AMBROSE LAZEROWITZ, PH.D.	69 Lyman Rd
Associate Professor of Philosophy (1943)	

†MORRIS LAZEROWITZ, PH.D.	
Associate Professor of Philosophy (1946)	66 Massasoit St.
MARINE LELAND, PH.D.	
Associate Professor of French Language and Literature (1935)	54 Prospect St.
ELEANOR TERRY LINCOLN, PH.D.	
Associate Professor of English Language and Literature (1944)	41 Henshaw Av.
J. GERALD McCUE, PH.D.	
Associate Professor of Physics (1945)	101 Prospect St.
FRANCES CAMPBELL McINNES, A.M., M.D.	
Associate Physician (1937)	62 Hillcrest Pl., Amherst
MARGARET ALEXANDER MARSH, A.M.	
Associate Professor of Sociology (1944)	57 Crescent St.
†ANN ELIZABETH MENSEL, M.A.	
Associate Professor of German Language and Literature (1934)	75 Harrison Av.
CHARLES HUNT PAGE, PH.D.	
Associate Professor of Sociology (1947)	Morrow House
WOLFGANG PAULSEN, PH.D.	
Associate Professor of German Language and Literature (1947)	88 Crescent St.
†HELEN JEANNETTE PEIRCE, A.M.	
Associate Professor of Spanish and Portuguese Languages and Literatures (1944)	33 State St.
MARGARET HILL PEOPLES, PH.D.	
Associate Professor of French Language and Literature (1934)	176 South St.
RAYMOND PUTMAN	
Associate Professor of Music (1937)	Box 388
KARL SCOTT PUTNAM, B.S. IN ARCH.	
Associate Professor of Architecture (1939)	32 Bedford Ter.
HELEN WHITCOMB RANDALL, PH.D.	
Associate Professor of English Language and Literature (1944)	75 West St.
JOHN CALYER RANNEY, PH.D.	
Associate Professor of Government (1947)	26 Bedford Ter.
**LOUISE ROOD, A.M.	
Associate Professor of Music (1946)	Gateway House
ANNELIES ARGELANDER ROSE, PH.D.	
Associate Professor of Psychology and of Education and Child Study (1945)	51 Henshaw Av.
HELEN LOUISE RUSSELL, PH.D.	
Associate Professor of Physical Education (1947)	Dawes House
FLORENCE MARIE RYDER, M.S.	
Associate Professor of Physical Education (1943)	32 Paradise Rd
A. JEANNE SALEIL, AGRÉGÉE DE L'UNIVERSITÉ	
Associate Professor of French Language and Literature (1940)	Visiting Associate Professor of Botany (1944)
SOPHIE SATIN, SC.D. (HON.)	
Associate Professor of Music (1940)	984 Memorial Dr., Cambridge 38
WILLIAM BEAUMONT SCATCHARD, B.MUS., B.S.	
Associate Professor of Music (1940)	32 Gothic St.
†MARIE SCHNIEDERS, PH.D.	
Associate Professor of German Language and Literature (1945)	159 Elm St.
K. FRANCES SCOTT, PH.B., M.D.	
Associate Professor of Hygiene (1927)	Associate Professor of Geology and Geography (1940)
BENJAMIN MARTIN SHAUB, PH.D.	

KENNETH WAYNE SHERK, PH.D.		Williamsburg
Associate Professor of Chemistry (1943)		
Elsa Margareeta Sipola, Ph.D.	42 West St.	
Associate Professor of Psychology (1945)		
Elinor Van Dorn Smith, Ph.D.	56 Middle St., Hadley	
Associate Professor of Bacteriology (1944) and Dean of the Class of 1948		
Gertrude Parker Smith, A.M.	76 Crescent St.	
Associate Professor of Music (1946)		
Denton M. Snyder, M.A.	13 Green Av.	
Technical Director, Theatre (1945)		
Marthe Sturm, Lic. ès L., DIPLÔME D'ÉTUDES SUPÉRIEURES	26 Bedford Ter.	
Associate Professor of French Language and Literature (1931)		
Lois Evelyn Te Winkel, Ph.D.	4 Sanderson Av.	
Associate Professor of Zoology (1943) and Dean of the Class of 1951		
Frank Day Tuttle, M.F.A.	57 Bridge St.	
Associate Professor of Theatre (1947)		
Priscilla Paine Van der Poel, A.M.	88 Crescent St.	
Associate Professor of Art (1945) and Dean of the Class of 1949		
G. Y. Anacleta Candida Vezzetti, DOTTORE IN FILOSOFIA E PEDAGOGIA	Italy	
Associate Professor of Italian Language and Literature (1934)		
Mary A. Wagner, M.A.	37 Prospect St.	
Associate Professor of Education and Child Study (1941), Director of the Elisabeth Morrow Morgan Nursery School, and Dean of the Class of 1950		
Dorothy Walsh, Ph.D.	66 West St.	
Associate Professor of Philosophy (1947)		
**Katherine Reding Whitmore, DOCTORA DE LA UNIVERSIDAD DE MADRID	Gardiner House	
Associate Professor of Spanish Language and Literature (1937)	235 Crescent St.	
Edward F. Willett, Ph.D.		
Associate Professor of Economics (1943)		
Edna Rees Williams, Ph.D.	73 Prospect St.	
Associate Professor of English Language and Literature (1944)		
Marjorie Williams, Ph.D.	26 Bedford Ter.	
Associate Professor of Astronomy (1942) and Director of the Observatory		
Jean Strachan Wilson, Ph.D.	58 Paradise Rd	
Associate Professor of History (1940)		
Kenneth E. Wright, Ph.D.	108C South St.	
Associate Professor of Botany (1946)		
Ruth Elizabeth Young, A.M.	55 Crescent St.	
Associate Professor of Italian Language and Literature (1937)		
Miguel Zapata y Torres, Ph.D.	10 Langworthy Rd	
Associate Professor of Spanish Language and Literature (1928)		

ASSISTANT PROFESSORS
(and Officers of Equivalent Rank)

Miriam Alberta Albertson, A.B., M.D.	58 Paradise Rd
Assistant Physician (1944)	
Mary Hedwig Arbenz, A.M.	59 Dryads Green
Assistant Professor of Speech (1946)	

ANITA LURIA ASCHER, PH.D.	German House
<i>Assistant Professor of German Language and Literature (1947)</i>	
ROBESON BAILEY, A.B.	19 N. Main St., Williamsburg
<i>Assistant Professor of English Language and Literature (1944)</i>	
LOUISE ANNE BOX, B.A., M.D.	Gillett House
<i>Assistant Physician (1947)</i>	
ROBERT SUMTER BRAWLEY, A.B., MUS.B.	58 Paradise Rd
<i>Director of Choral Music (1947)</i>	
H. GEORGE COHEN	62 Kensington Av.
<i>Assistant Professor of Art (1944)</i>	
WILLIAM GRAHAM COLE, A.B., B.D.	7 College Lane
<i>Chaplain and Assistant Professor of Religion and Biblical Literature (1947)</i>	
RUTH W. CRAWFORD, A.M.	69 Prospect St.
<i>Director of Admission (1929)</i>	
WHITNEY ROGERS CROSS, PH.D.	197 Elm St.
<i>Assistant Professor of History (1946)</i>	
MIRIAM EUGENIA CROWLEY, PH.D.	26 Bedford Ter.
<i>Assistant Professor of Psychology (1947)</i>	
Alice Norma Davis, A.B.	10 West St.
<i>Director of the Vocational Office (1947)</i>	
ANNE LEE DELANO, A.M.	Gateway House
<i>Assistant Professor of Physical Education (1946)</i>	
ROBERT MERRILL DEWEY, A.M.	83 Crescent St.
<i>Secretary of the Faculty (1921)</i>	
GEORGE STONE DURHAM, PH.D.	Village Hill Rd, Williamsburg
<i>Assistant Professor of Chemistry (1945)</i>	
ANNE GASOOL, A.M.	Comstock House
<i>Assistant Professor of French Language and Literature (1937)</i>	
ELEANOR JACK GIBSON, PH.D.	210 Elm St.
<i>Assistant Professor of Psychology (1940)</i>	
JEANNE SEIGNEUR GUIET, A.M.	70 Washington Av.
<i>Assistant Professor of French Language and Literature (1932)</i>	
IDA DECK HAIGH	76 Crescent St.
<i>Assistant Professor of Music (1942)</i>	
EVELYN F. JENNINGS, B.S.	115 Elm St.
<i>Assistant Professor of Physical Education (1937)</i>	
MARGARET LOUISE JOHNSON, A.B., B.S.	26 Bedford Ter.
<i>Reference and Assistant Librarian (1943)</i>	
RANDOLPH WARDELL JOHNSTON	Hillside Rd, South Deerfield
<i>Assistant Professor of Art (1944)</i>	
PHYLLIS WILLIAMS LEHMANN, PH.D.	12 Arnold Av.
<i>Assistant Professor of Art (1946)</i>	
JUSTA ARROYO LÓPEZ-REY, LICENCIATURA DE QUÍMICA, A.M.	39 West St.
<i>Assistant Professor of Spanish Language and Literature (1945)</i>	
LILLY LORENTZ, PH.D.	12 Arnold Av.
<i>Assistant Professor of Physics (1946)</i>	
LILLIAN M. MANCINI, A.M.	281 Crescent St.
<i>Assistant Professor of Physical Education (1947)</i>	
ELIZABETH WARREN OLMS TED, A.M.	54 Belmont Av.
<i>Assistant Professor of Geology and Geography (1945)</i>	

ANNE FRANCES O'NEILL, PH.D. <i>Assistant Professor of Mathematics (1947)</i>	Laura Scales House
CATHERINE A. PASTUHOVA, PH.D. <i>Assistant Professor of Slavic Languages and Literatures (1945)</i>	58 Kensington Av.
HELEN EVANGELINE REES, ED.D. <i>Assistant Professor of Education and Child Study (1945) and Director of the Smith College Day School</i>	96 State St.
S. MERYL ROSE, PH.D. <i>Assistant Professor of Zoology (1945)</i>	129 Prospect St.
**MARSHALL SCHALK, PH.D. <i>Assistant Professor of Geology and Geography (1941)</i>	74 Lyman Rd
WILLIAM TAUSSIG SCOTT, PH.D. <i>Assistant Professor of Physics (1946)</i>	Turkey Hill Rd
MILTON DAVID SOFFER, PH.D. <i>Assistant Professor of Chemistry (1944)</i>	46 Trumbull Rd
HELEN STOBBE, A.M. <i>Assistant Professor of Geology and Geography (1940)</i>	Baldwin House
ESTHER BERTHA SYLVIA, D.M.L. <i>Assistant Professor of Spanish Language and Literature (1946)</i>	Haven House
PETER VIERECK, PH.D. <i>Assistant Professor of History (1947)</i>	7 College Lane

LECTURERS

¹ MILTON J. ARONSON <i>Teacher of Violin (1947)</i>	850 Sumner Av., Springfield
DOROTHY S. CARLE, B.S. IN ED. <i>Acting Director of the Educational Clinic (1947)</i>	Hopkins House
HERBERT ARNOLD CLARK, ED.M. <i>Lecturer in Education and Child Study (1947)</i>	29 Arlington St.
¹ RUTH JOSEPHINE DEAN, M.A., D.PHIL. <i>Visiting Lecturer in French Language and Literature (1947)</i>	Mount Holyoke Col., South Hadley
RONALD JEREMIAH DARBY, ED.M. <i>Lecturer in Education and Child Study (1938)</i>	15 Washington Av.
RUTH EVANS, A.M. <i>Lecturer in Physical Education (1936)</i>	326 Forest Park Av., Springfield
² ROGER WELLINGTON HOLMES, PH.D. <i>Visiting Lecturer in Philosophy (1947)</i>	3 Stanton Av., South Hadley
RUTH WEDGWOOD KENNEDY, A.B. <i>Lecturer in Art (1941)</i>	44 Pomeroy Ter.
A. KUNRAD KVAM, M.M. <i>Teacher of Cello (1947)</i>	Dartmouth Col., Hanover, N. H.
MAX SALVADORI, DR.SC.(POL.) <i>Visiting Lecturer in History and in Sociology (1947)</i>	64 Kensington Av.
MINNIE MARION STINSON, B.S. IN ED. <i>Lecturer in Education and Child Study (1947)</i>	19 Washington Av.
¹ EUNICE WEAD, A.M. <i>Visiting Lecturer in Art (1945)</i>	135 Woodland St., Hartford 5, Ct.
DOROTHY WRINCH, D.S.C. <i>Lecturer in Physics (1941)</i>	81 Woodside Av., Amherst

INSTRUCTORS

ELEANOR DODGE BARTON, A.M. <i>Instructor in Art (1943)</i>	76 Elm St.
Alice Louise Benjamin, A.M. <i>Instructor in French Language and Literature (1946)</i>	Laura Scales House
Lorraine Wineow Benner, A.M. <i>Instructor in Education and Child Study (1946) and Teacher in the Elisabeth Morrow Morgan Nursery School</i>	12 Bedford Ter.
Rita May Benson, M.S. IN H.P.E. <i>Instructor in Physical Education (1946)</i>	Franklin King House
Shirley Ferrell Blanchard, B.S. <i>Instructor in Physical Education (1946)</i>	281 Crescent St.
Laura Anna Bornholdt, Ph.D. <i>Instructor in History (1945)</i>	Clark House
Marjorie Catharine Bowman, M.A. <i>Instructor in Zoology (1946)</i>	12 Arnold Av.
Ettie Len Toy Chin, A.M. <i>Instructor in Physical Education (1944)</i>	17 Henshaw Av.
Frances M. Colville, M.S. IN H.P.E. <i>Instructor in Physical Education (1944)</i>	Franklin King House
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Mrs Jessica Jenks Saunier, A.B.	{ Dewey House Clark House
Mrs Helen Woods Chandler	Laura Scales House
Miss May Irene McArthur	{ Parsons House Parsons Annex
Mrs Marthe Marcelle Breakey	Franklin King House
Mrs Alice Sawin Davis, A.B., B.S.	Hopkins Group
Mrs Louise Jewell Jencks	Chapin House
Mrs Marion Morrell	Gillett House
Mrs Josephine H. Torrey	Gardiner House
Mrs Priscilla Ames Young	Jordan House
Miss Elizabeth Laird Young, A.B.	Fort Hill House
Mrs George Eaton Amey	Tenney House
Mrs Violette Durrant Du Bose	150 Elm St.
Mrs Josephine W. English	Morrow House
Mrs Anita Helena Hall	Wallace House
Mrs Sara B. Rosenthal	Washburn House
Miss Barbara Barnard Godfrey, A.B.	10 Prospect St.
Miss Anne Katherine Walsh, B.S.	Graduate House

DEPARTMENT OF BUILDINGS AND GROUNDS

George W. King	8 College Lane
<i>Superintendent</i>	
Thomas Ruddy, Jr.	174 West St.
<i>Secretary to the Superintendent</i>	

LESLIE H. PACKARD <i>Office Manager</i>	20 Main St., Williamsburg
MARY M. BRICK <i>Clerical Assistant</i>	12 Belmont Av.
ELIZABETH KNIGHTS <i>Clerical Assistant</i>	73 Bardwell St., Florence
HELENE M. McKEON <i>Secretarial Assistant</i>	114 S. Main St., Florence
IRENE SADLOWSKI STEFAN <i>Clerical Assistant</i>	9 River Dr., Hadley

WILLIAM I. P. CAMPBELL <i>Head Gardener</i>	10 Massasoit St.
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LAUNDRY

RAYMOND J. PERRY <i>Superintendent</i>	94 State St.
CORINNE BLANCHE METTEY <i>Clerical Assistant</i>	43 Summer St.

STANDING COMMITTEES OF THE FACULTY

I. ON THE ORGANIZATION OF THE COLLEGE

COMMITTEES (elected):

The President, the Dean, Miss Young (1948), Mr Packard (1948), Mrs Lazero-witz (1949) (secretary), Miss Bache-Wiig (1949)

TENURE AND PROMOTION (elected):

The President, the Dean, Mr Hill (1948), Miss Vaughan (1948), Miss Sampson (1948), Mr McCoy (1949), Miss Shearer (1950)

ADMINISTRATIVE BOARD: College Hall 25

The Senior Class Dean (chairman), the Warden, the Class Deans, the Registrar, the College Physician, Mr Graham, Mr Sherk, Mr Willett

CONFERENCE:

The President, the Administrative Board, five members of the Student Council, four members of the House of Representatives

BOARD OF ADMISSION: College Hall 26

The President (chairman), the Senior Class Dean, Mrs Crawford, Mr Wright, Mr Bragdon, Miss Sampson, Miss Wagner, Miss Te Winkel

REGISTRATION OF STUDENTS:

Miss M. B. Crook (chairman), Miss Dunham, Miss Bunce, Miss Crowley, Miss Leeb, Miss Levy, Mrs Van Eerde, Miss Zielonko

II. ON THE CURRICULUM OF THE COLLEGE AND THE GUIDANCE OF STUDENTS

EDUCATIONAL POLICY (elected): College Hall 21

The President, the Dean (chairman), (for five years) Miss Anslow, Miss Mohler, Mr Ranney, (for four years) Mr Faulkner, Miss Randall, Mr Sherk, (for three years) Mr Kraushaar, Miss Sampson, Miss Siipola

(Mr Bragdon substitute for Mr Faulkner; Miss Peoples for Miss Mohler 1st sem., for Mr Kraushaar 2d sem.)

INTERDEPARTMENTAL MAJORS:

The Dean (chairman), Miss Koch, Miss E. V. Smith, Miss Burt, Miss Muchnic, Miss Bryson, Mr Arvin, Mrs Hobbs, Mrs Holmes

BOARD OF ADVISERS:

Miss Te Winkel (chairman), Miss Ascher, Miss Arbenz, Mr Bailey, Miss Benjamin, Miss Bornholdt, Miss Bourgoin, Mr Christian, Mr Cross, Mr R. G. Davis, Mr Durham, Miss Gasool, Mrs Gibson, Miss Griffiths, Miss Hornbeak, Miss Horner, Miss Kemp, Miss Kennedy, Miss Laughton, Mrs Lazerowitz, Mrs Lehmann, Miss Leonard, Miss Lorentz, Miss Murdoch, Mr McCue, Miss O'Neill, Mr Pamp, Miss Robinton, Mr Rose, Miss Ruby, Mr Scott, Miss Sickels, Miss Starr, Miss Stobbe, Miss Tibbetts, Miss Walsh, Mr Wilcox, Miss M. Williams, Mr K. E. Wright, Miss Wagner (Class Dean). Nonvoting members: The Junior and Senior Class Deans, the Registrar, the Director of Admission, the Vocational Director

HONORS:

Miss Wilson (chairman), the President, Miss Peoples, Miss G. P. Smith, Miss Bacon, Miss Burt, Miss Carter, Miss Clarke, Miss Lincoln

GRADUATE STUDY:

College Hall 21

Miss Anslow (director), Miss Kemp, Mr Israel, Miss Gabel, Miss Vaughan, Miss Ainsworth, Mr Duke, Mr Soffer, Miss E. R. Williams, Miss F. E. Young (secretary)

EXCHANGE OF STUDENTS WITH FOREIGN COUNTRIES

College Hall 21

Miss Vaughan (chairman), Miss Bryson, Miss Imbault-Huart, Miss Peirce (2d sem.), Miss Carter, Miss Chin, Miss Navarro (1st sem.)

III. ON OTHER BUSINESS OF THE COLLEGE

LIBRARY:

Mr Packard (1950) (chairman), the Librarian, Miss Walsh (1948), Mr Einstein (1949), Miss Shields (1949), Miss Bache-Wiig (1950)

LECTURES:

College Hall 23A

Miss Hornbeak (chairman), Mr Christian, Mr Gibson, Mrs Marsh, Mr Dewey (secretary)

MOTION PICTURES:

Mr Jules (chairman), Miss Russell, Mr Snyder, Mr Shaub. Executive secretary, Mrs Cantarella

SCHOLARSHIPS:

College Hall 3

The President (chairman), the Warden, Miss Mensel, Miss Bacon, Mr F. W. Wright, Miss Cann

STUDENTS' AID SOCIETY:

Mrs Hobbs, Miss Lincoln

HONORARY DEGREES (elected):

Miss Dunn, Mrs Holmes, Miss R. E. Young

JUNIPER LODGE:

Miss Carpenter (chairman), Miss Bryson, Miss Hornbeak, Miss Bache-Wiig, Miss O'Neill

FACULTY OFFICES:

Mr Graham, Mr Putnam, Miss Leland

SPECIAL COMMITTEES

HYGIENE REQUIREMENT:

Miss Sampson (chairman), Dr Booth, Dr Scott (secretary), Miss Robinton, Mr Taylor, Miss Te Winkel (ex officio)

TO RECOMMEND NOMINATIONS FOR A DEAN:

Miss Lowenthal (chairman), Miss Peoples, Mr McCoy

MARSHALS:

Mr Hill, Mr Dewey, Mr McCoy, Mr Willett, Miss Olmsted, Miss Burpee

CHAIRMEN OF ACADEMIC DIVISIONS:

Mr Locke, Miss Holden, Miss Rambo

CONSULTANT ON TIAA MATTERS:

Mr Willett

THE ALUMNAE ASSOCIATION OF SMITH COLLEGE

The Alumnae House

<i>President</i>	RUTH PIERSON CHURCHILL 1919
<i>Vice-President</i>	MARIE BARSTOW SHARP 1925
<i>Clerk</i>	EDITH YEREANCE GREVATT 1923
<i>Treasurer</i>	MARY ELDER 1918
<i>General Secretary</i>	FLORENCE H. SNOW 1904
<i>Assistant Secretary</i>	FRANCES A. COPELAND 1925
<i>Bursar and Advertising Manager of the Quarterly</i>	RUTH SELDEN GRISWOLD 1916
<i>Assistants to General Secretary</i>	ELEANOR HOWARD
	MARION GRAVES DUFFEY 1915
	HAZEL HOWARD TURNER
	CAROLYN L. FITCH
<i>Editor-in-chief of the Alumnae Quarterly</i>	ANITA YEREANCE GIRDWOOD ex-1917
<i>Honorary Editor</i>	MADELINE BALL WRIGHT 1910
<i>Managing Editor</i>	EDITH N. HILL 1903
<i>Alumnae Fund Secretary</i>	KATHLEEN E. BERRY 1929
<i>Hostess</i>	HARRIET HITCHCOCK 1914
	DOROTHY PEARSON ABBOTT 1911

SEVENTY-FIFTH ANNIVERSARY FUND OFFICE

EDNA L. TEITRICK, A.B.	8 Green Av.
<i>Administrative Secretary</i>	
MARGARET M. HOWARD, A.B.	229 Elm St.
<i>Assistant</i>	
BERTHA CHRISTINE VOGEL	39 West St.
<i>Assistant</i>	
MARGARET WILLIAMS, A.B.	R.F.D., Williamsburg
<i>Assistant</i>	
WINIFRED STRINGFELLOW BROWN, A.B.	44 Maple St., Florence
<i>Clerical Assistant</i>	
PATRICIA ROLLINS GRANT	273 N. Main St., Florence
<i>Clerical Assistant</i>	

HISTORICAL SKETCH

I

SMITH COLLEGE began in the conscience of a New England woman. The sum of money with which the first land was bought, the first buildings erected, and the foundation of the endowment laid, had been amassed by a man who, like many Americans, had made a fortune without any apparent ulterior purpose. He seems to have bequeathed it to his sister because he had not made up his mind what else to do with it. Sophia Smith received it not as providing means for luxury or display, but as laying upon her a burden of responsibility. She left it for the founding of a college for women because after much perplexity, deliberation, and advice, she had concluded that thus could she best fulfill a moral obligation.

Smith College began in the mind of a New England minister. To John Morton Greene is due the idea whose realization we see today. From him Sophia Smith asked counsel as to the disposal of her unsought riches, and received suggestions which she pondered and discussed, and from among which she finally selected that which we must acclaim as the wisest and most beneficent. The idea that Mr. Greene presented and Sophia Smith adopted is clearly expressed in a passage in Sophia Smith's will that must be regarded as their joint production, drafted by him, amended and approved by her. The language is as follows:

I hereby make the following provisions for the establishment and maintenance of an Institution for the higher education of young women, with the design to furnish for my own sex means and facilities for education equal to those which are afforded now in our Colleges to young men.

It is my opinion that by the higher and more thorough Christian education of women, what are called their "wrongs" will be redressed, their wages adjusted, their weight of influence in reforming the evils of society will be greatly increased, as teachers, as writers, as mothers, as members of society, their power for good will be incalculably enlarged.

Later, after enumerating the subjects which still form the substance of the curriculum of the college, she adds: "And in such other studies as coming times may develop or demand for the education of women and the progress of the race. I would have the education suited to the mental and physical wants of woman. It is not my design to render my sex any the less feminine, but to develop as fully as may be the powers of womanhood, and furnish women with the means of usefulness, happiness and honor, now withheld from them." She further directed that "without giving preference to any sect or denomination, all the education and all the discipline shall be pervaded by the Spirit of Evangelical Christian Religion."

When one considers what would today be regarded as the somewhat narrow and puritanical type of culture in which the authors of these sentences were living, one cannot fail to be impressed by their wisdom, liberality, and farsightedness. The general terms in which the purposes of women's education are defined are perfectly valid today. Provision is made for change of outlook and development in the scope of education. While the fundamentally religious interest of the founder is stressed, the college is kept clear of entanglement with institutional Christianity, and the only prescription is the pervading of instruction by the spirit of the gospel of Jesus Christ. This injunction has been obeyed in the past, we trust

NOTE.—The first part of this account is based upon an historical address delivered by President William Allan Neilson at the Fiftieth Anniversary Exercises, June 12, 1925.

and believe it is being obeyed in the present, and there is no reason to believe that it will not be willingly and gladly observed in the future.

Such is the charter of our intellectual and spiritual liberty.

II

It is one thing to state an ideal and give a commission, it is another to carry them out. Laurenus Clark Seelye in 1873 undertook the presidency of the new college, land was bought and the first buildings erected, a prospectus was issued, and in 1875 the college was opened with fourteen students. The prospectus and the inaugural address laid down the main lines of educational policy on which the new college was to run, and again it is amazing to note how little these have to be modified to describe the college of today. There is the same high standard of admission, matching that of the best colleges for men, the same breadth in the curriculum, the same emphasis on literature, art, and music. What we are less likely to note is the faith needed to establish these standards and to stick to them in an atmosphere of scepticism and even of ridicule. President Seelye brought many gifts to the fulfilling of his office, none more remarkable or more essential than his faith and courage.

It is impossible here to trace the growth of the instruction under his leadership. For thirty-five years he carried the college forward; and when he laid down his office in 1910, the tiny seed had become a great tree. The assets of the college had grown from the original bequest of about \$400,000 to over \$3,000,000, half of it endowment and half equipment; the Faculty from half a dozen to 122; the students from 14 to 1635; the buildings from 3 to 35. These figures are a testimony to his remarkable financial and administrative ability, yet they are chiefly important as symbols of a greater achievement. What he had erected was not to be properly described in terms of physical and financial assets; it was a living organism, with a distinct personality and an abounding vitality. With few educational theories—none of them revolutionary—he had set a-going a process for the molding of the minds and spirits of young women, had supervised the process for a generation, and had stamped upon several thousand graduates the mark of his own ideals and his own integrity. He was a great man, but his achievement was even greater, for as far as we can see what he created will last as long as our phase of civilization endures.

III

It is hard to follow the king, and the problem which faced President Seelye's successor was no easy one. The growth of the college had acquired a strong momentum, and numbers increased of themselves; Mr. Marion Le Roy Burton's task was to perfect the organization for taking care of these numbers. This meant the modernizing of the business methods of the administration, the improvement of the ratio of instructors to students with a view to more efficient teaching, the raising of salaries to retain and improve the staff, the providing of more adequate equipment, and the revision of the curriculum. These things mean money, and with the assistance of the alumnae and at great expense of energy on his own part, President Burton raised a million dollars—an achievement far greater than it seems in these postwar days. This sum permitted a substantial if temporary relief in the matter of salaries; the staff was increased to reasonable numbers, and accumulated funds were used to supply the urgent needs of the biological sciences for a new and adequate laboratory building. The curriculum was revised by the

Faculty under the tactful leadership of President Burton—who thus proved he could weather the most trying of academic tempests. The seven years of his service saw the further growth of the college to over 1900 students, the increase of its assets by over \$1,000,000, and substantial progress in educational efficiency. The business reorganization was well begun, arrangements were made for a new method of admission, and all sails were set for a long and prosperous voyage, when suddenly Mr. Burton was called elsewhere.

IV

The third administration of Smith College opened in the troubled days of the Great War. President William Allan Neilson's first contacts with the alumnae came with the launching of the work of the Smith College Relief Unit in France, and he learned something of the quality of the graduates who had been trained by his predecessors, as he became familiar with the effectiveness and the joyous devotion with which that band of heroic women and their supporters at home carried through their undertaking. It is probable that since the founding of the college no such test had occurred of the power of the alumnae to work together for a cause outside the college, of their adaptability to new tasks and strange conditions, of their initiative and persistence. Against a thousand obstacles they achieved what they set out to do. The erection of the Grécourt Gates at the entrance to the college fittingly commemorates the appropriate part played by Smith women in the struggle of the nations.

The war and its aftereffects complicated in many ways the problems of the management of the college. The rise in prices shortly canceled the increase in resources from the Million Dollar Fund collected under President Burton, and the need for more money for instruction became greater than ever. Numbers went up to twenty-one hundred with no signs of abating. The campus dormitories housed only two-fifths of the students. Classrooms and laboratories were overcrowded. Perplexities caused by physical and financial stringency threatened to absorb all our energies to the neglect of more strictly educational problems.

Again the alumnae came to the rescue. Taking the whole burden of organization upon their own shoulders, they undertook to raise \$4,000,000 to meet the most pressing needs, and at Commencement 1920, after a campaign calling for immense resource, persistence, and devotion, they placed pledges for that amount in the hands of the Trustees. Half was used for instruction, and enabled the college to compensate its teachers for the loss suffered in the decrease in the value of the dollar; the other half went to making up in part the arrears in housing and academic equipment which had been incurred by the growth in numbers.

Meantime, in spite of entrance examinations and rising standards, the pressure for admission at the gates of Smith as of its sister colleges continued to increase, and the college was forced to limit its numbers to two thousand. Much as one may regret an apparently arbitrary restriction upon the scope of its influence, it seems clear that the effect of this decision is, through forcing a more severe standard of selection, to secure a higher level of preparation and intelligence and a more homogeneous body of students than we should otherwise have had.

One is always tempted to dwell on the contrast between the small beginnings and the present achievement: between the original corner lot of 13 acres and the present campus of 176; between Sophia Smith's \$400,000 and the present assets of almost \$21,500,000; between the first class of 14 and today's 2100; between the group of 11 graduates of 1879 and the present alumnae roll of 19,862; between the three

original buildings and those which rise on the campus today. Many more contrasts could be drawn to show material growth, but the evidence lies all around us, and the development of the college in other ways is of greater significance.

One of the largest resident women's colleges in the world, Smith College faced problems which it shared with both colleges and universities. President Neilson desired to develop all the advantages which only a large institution can offer, and at the same time to avoid any disadvantages which seemed inherent in the size of the institution. Laboratory and library facilities were developed. The number of instructors was constantly increased, though the number of students remained the same. The last years of the third administration saw the accomplishment of a goal long sought, that all students should live "on campus." With the exception of those local students who live at home, the college now houses all its undergraduates; yet this was brought about without loss of the original "cottage plan" which the founders established. Smith College believes firmly in the value of the small group, with the result that few dormitories house more than seventy students, while groups of twenty to thirty are not uncommon. In addition, President Neilson developed an administrative system designed to assure students all possible personal direction and assistance, yet leaving them free to develop independence. The Class Deans divide with the Warden, the Dean, and the Registrar responsibilities often centered in one office. Six physicians have charge of student health and of training in personal and social hygiene. A Director and an Associate Director give full time to vocational guidance and placement work.

Various significant developments in the course of study also give evidence of the attempt of this administration to adjust education both to a large group and to the individual. Revision of the curriculum, under President Neilson's guidance, resulted in a course of study which offers a thoughtful combination of the advantages of the "free elective" and of the "prescribed" systems. An attempt has been made to assure the students a broad general foundation in various fields of knowledge during the first two years, followed by a more intensive study of a major subject during the last two. One of the most significant and important of all the innovations introduced by President Neilson was the Junior Year Abroad, which for many years permitted students interested in modern languages to increase their language facility in the only really satisfactory way, and at the same time to become acquainted at first hand with the culture and daily life of European countries. The return to Northampton annually of these students, together with the presence on the campus of foreign students studying on the fellowships established by the Trustees, has made for a broader understanding of international problems. To compensate somewhat for this lack of opportunity during the war years the College set aside German, Dawes, and Washburn Houses for students interested in German, French, and Spanish. In each the Head of House speaks the language and the Faculty resident is a member of the department concerned. So far as possible the atmosphere of the house is that of the country represented. This year in Mexico there is a group of Juniors majoring in Spanish, in Geneva a group majoring in the social sciences, and for the first time since 1939 there are groups in France and Italy. As members of an intercollegiate group there are four Juniors in Zurich.

For the third year Smith College is co-operating with the University of Toronto in the exchange of a small number of Juniors.

While Smith College has always been and remains a liberal arts college and offers no professional work *per se*, it nevertheless affords unusual opportunities to those students who are seriously preparing for professions. Interdepartmental majors

permit prospective students of medicine, public health, nursing, landscape architecture, and theatre to enter professional schools with excellent preparation. The Department of Art with the Smith College Museum of Art (the Hillyer and the Tryon Galleries), and the Department of Music, housed in one of the most completely equipped music buildings in the country, afford work in technical art and practical music, in addition to training in the theory and history of these arts. Students interested in recent movements in education may observe at first hand the working out of two interesting contemporary experiments in the Day School, a school of progressive type offering instruction to children from five years of age through the junior high school, and in the Elisabeth Morrow Morgan Nursery School for children from two to five years.

During the Neilson administration, with no loss of emphasis upon undergraduate work, the graduate division of the college developed markedly. Work leading to the degrees of Master of Arts, Master of Education, and Master of Science in Physical Education is offered; the degree of Doctor of Philosophy is occasionally conferred. The Smith College School for Social Work, which had its origin in 1918, has taken an important place among professional schools, and offers annually to approximately one hundred and fifty candidates work leading to the degree of Master of Social Science.

President Neilson's great interest in the development of the undergraduate college was recognized upon his fifteenth anniversary by the establishment on the part of the Trustees of the Neilson scholarships, awarded annually to ranking scholars of the three upper classes. His profound concern with scholarship and research on behalf of the Faculty was commemorated by the endowment of the William Allan Neilson Chair of Research, to be occupied annually by a scholar or scholars chiefly concerned with the carrying on of research in any of the fields represented by the curriculum. The list of those who have occupied this chair is printed at the end of this section.

V

History repeats itself. The fourth administration of Smith College began, like the third, in a time of international conflict, under the cloud of wars and rumors of wars. President Neilson retired at the end of the academic year 1938-39; during the interregnum Mrs. Elizabeth Cutter Morrow served her college as Acting President, and earned the deep gratitude of Trustees, Faculty, alumnae, and students. At the opening of the year 1940-41, President Herbert Davis, formerly Professor of English at the University of Toronto and at Cornell University, took office. "This is not a time to prophesy smooth things, or to dream dreams," President Davis said in his inaugural address on October 17, 1940. "It is not a time for experiment; not a time to advance to new positions, or to undertake new responsibilities. It is a time rather for consolidation, for holding on to what we know is worth maintaining." The chief purpose of education, defined by President Davis—"to produce free spirits, and to let them work freely"—continues to be the chief purpose of Smith College. As at its foundation and during the successive chapters in the history of the college, so today the educational policy of Smith College may be defined in these words:

The purpose of Smith College is to afford intelligent and adequately prepared young women an opportunity to obtain such knowledge of the world and of thought, and such appreciation of artistic and of ethical values as will enable them to develop their best potentialities to the fullest degree, to spend their leisure hours

valuably, to enjoy life in a civilized manner, and to become forceful members of the community of which they find themselves members.

The college aims to foster a rigorous and unsentimental regard for facts, a critical attitude toward theories, a tolerant view of religious and ethical questions, and a varied development of individual personality.

In pursuance of this aim, the required studies are intended to give every student contact with the main fields of knowledge and appreciation; the system of major studies to insure some mastery of a particular field; the Honors scheme to encourage the independence of those above the average in ability; and outside activities to afford opportunity for spontaneous participation in sports, dramatics, music, reading, and social life.

The resources of the college are limited, the aspirants numerous; and only those who maintain a satisfactory objective standard of intellectual achievement and self-controlled behavior can expect to gain and to retain the privilege of membership in the student body.

VI

After December 7, 1941, when this country found itself plunged suddenly into war on both fronts, Smith College pledged itself, in common with all our colleges and universities, to take its full share in the national war effort. Before many months had passed members of the Faculty were called away for research, for government service, and for service with the armed forces, and many of the men in the Department of Buildings and Grounds enlisted, were drafted, or left for special work in war industries.

Then during the summer of 1942, after the passing of the Act to establish a Woman's Reserve in the Navy, the Navy Department invited the College to provide the necessary facilities for the establishment of the first Officers' Training Unit of the Women's Reserve. This was done with the help of the Hotel Northampton and with the enthusiastic co-operation of the Alumnae Association, which set aside part of the Alumnae House to serve as Headquarters.

Captain Underwood arrived with part of the administrative and teaching staff of the Unit during August, 1942, the first group of officers, including eight of our alumnae, were commissioned September 30, and on October 6 the first full complement arrived to begin their training, among them being thirty-eight of our alumnae and former students. The School was closed after the graduation of the twenty-eighth class December 21, 1944, when approximately 9567 officers had been commissioned. The advanced course in Naval Communications continued to operate until February 27, 1945.

HOLDERS OF THE WILLIAM ALLAN NEILSON CHAIR OF RESEARCH

- Kurt Koffka, Ph.D. Psychology. 1927-32.
- G. Antonio Borgese, Ph.D. Comparative Literature. 1932-35.
- Sir Herbert J. C. Grierson, M.A., LL.D., Litt.D. English. 1937-38 (2d sem.).
- Alfred Einstein, Dr.Phil. Music. 1939-40 (1st sem.).
- George Edward Moore, D.Lit., LL.D. Philosophy. 1940-41 (1st sem.).
- Karl Kelchner Darrow, Ph.D. Physics. 1940-41 (2d sem.).
- Carl Lotus Becker, Ph.D., Litt.D. History. 1941-42 (2d sem.).
- Albert F. Blakeslee, Ph.D., Sc.D. (hon.). Botany. 1942-43.
- Edgar Wind, Ph.D. Art. 1944—.
- David Nichol Smith, M.A., D.Litt. (hon.), LL.D. English. 1946-47 (1st sem.).

GENERAL INFORMATION

EVERY student is held responsible by the Faculty for the observance of the academic and social regulations of the College. A student who does not comply with these regulations, whose general attitude shows a failure to profit by the influences of the College, or who in the judgment of the administrative officers lacks the maturity of character or the physical strength demanded by college life, may at any time be required to withdraw.

A student found guilty of intentional dishonesty in her college work is liable to forfeit her connection with the College.

RESIDENCE

Smith College has the policy of housing its students in houses of its own in small groups, each group accommodating on an average from fifty to sixty students. Except for a few smaller houses which are grouped together in one unit, each house has its own living rooms, dining room, and kitchen, and is in charge of the Head of House, who devotes her whole time to the administration of the house and to the personal care of the students in her charge. Regulations for the life in these houses have been made by the Student Government Association in co-operation with the Administration of the College, and are carried out by the Head of House and the House President. In most of the houses there is resident a member of the Faculty. It is the aim of the College to provide in these houses homelike surroundings and conditions favorable for study and community life.

Entering students will receive a blank, especially provided for the purpose, on which they should state if possible their preferences for houses. This blank should be returned to the Office of the Warden by June of the year of entrance. Rooms are assigned to entering students after the required deposit of \$50 is paid and preferences are honored in the order of the students' original dates of application for admission to college, except when students are admitted from a waiting list or where a reasonable geographical or other distribution makes it unwise. Order of application is not considered in making assignments after the Freshman year, the order of assignment to the three upper classes being determined by lot. Any student may move from one house to another once during her college course.

Rooms are assigned for the college year. No refund will be allowed except in extreme cases of which the College shall be the sole judge. All notices of withdrawal should be sent immediately to the Registrar's office in the case of upper-class students, and to the Board of Admission in the case of entering students, and room assignments will then be canceled. Failure to file a course card in the spring involves the loss by the student of any room assignment that may have been given her for the following year. The College reserves the right to move students from house to house during the academic year.

Students who plan to re-enter must be readmitted to college by notice from the Registrar before rooms will be assigned. No assignments will be made, however, until after the receipt of the required deposit fee by the Registrar.

Entering students who are receiving free tuition as residents of Northampton will not be assigned rooms in college houses until vacancies occur after the opening of college.

A student who desires to live in any house other than those operated by the College must receive permission from the Office of the Warden.

In September the first day on which students are admitted to college houses is the Sunday preceding the opening of college.

At the end of the year students of the two lower classes are expected to give up their rooms forty-eight hours after their last examination but not later than the last Wednesday of the term, unless their presence is required at Commencement.

The College supplies a bed, mattress, pillow, one pair of blankets, and all bed and table linen, but students should bring towels. It also provides a chest of drawers, mirrors, at least one chair, and in some houses a desk. These may not be removed from the room.

Furniture, trunks, and other possessions of students may be sent to their houses not more than five days before the opening of college. All carriage charges must be prepaid. Measurements for draperies and covers may be taken only after the room is occupied.

The College assumes no liability for damage to the personal possessions of students in college buildings or for their loss by fire or theft. It is therefore suggested that insurance be taken out if it seems desirable.

A student who leaves personal possessions in the house does so at her own risk. Articles remaining unclaimed in a house for more than one year after a student has left college will be disposed of by the College.

A charge of \$5.00 is made for a radio. Laundry for students may be done at the college laundry at reasonable rates provided each article is marked with the student's name.

During the years of national manpower shortage the College is operating all houses under a co-operative plan of student work. Each student is expected to do up to four hours of work per week normally and more in times of emergency in addition to taking care of her own room.

RELIGIOUS LIFE

The College expresses its concern for the religious development of the students through the appointment of a chaplain, the sponsoring of Vespers on Sundays throughout the academic year at which prominent ministers from all sections of the country are invited to speak, and through a worship service held in the evening from Monday through Friday in The Little Chapel. A large and active Christian Association carries on a vigorous program on the campus, and the churches in Northampton welcome students to all of their activities.

HEALTH

The health of the students is under the supervision of the College Physician, assisted by four other full-time physicians. This includes care either at the office or in the College Infirmary when the student is ill in any way, and co-operation with other departments of the college in all matters having to do with either public or individual health. No charge is made to the students for care by the college physicians; however, in complicated cases, they may require consultation with local or out-of-town physicians or specialists. Bills will then be submitted by these physicians as in private practice elsewhere.

Students may remain in the Infirmary with routine nursing care for seven days each year without charge, but no more than three free days may be used for any one

illness; beyond that time the charge is \$5 a day. If a student requires special nursing the usual charges for such care will be submitted.

The College has arranged to co-operate with a reputable insurance company in offering a voluntary insurance plan which protects the student over a twelve-month period, whether in residence at college or not. Students are strongly urged to take out this insurance which gives unusual protection in addition to that which the college offers without charge.

In the interests of individual and community health every student is expected to comply with the following regulations:

1. When a student receives a card asking her to report to the Doctors' office she must do so at the time indicated.
2. (a) If a student feels ill, has been injured, or has any sort of physical disability she should, if she is able to do so, go to the Doctors' office to consult one of the college physicians during office hours.
(b) At other times she should consult her Head of House. If the Head of House is out and the condition requires immediate attention the student should telephone the Infirmary.
3. If she is detained in her room because of illness the Head of House will give her a slip to sign reporting her case, and the Head of House will be responsible for its delivery to the Doctors' office. These slips must be made out at the time when the illness occurs.
4. If she is taken ill during an examination an immediate report should be made to the Doctors' office or to the Infirmary.
5. If she wishes to enter the College Infirmary for treatment or rest she should apply at the Doctors' office or consult her Head of House.
6. When she has been in an accident she must report to the Doctors' office within twenty-four hours even if she does not seem to be injured.
7. If she wishes to leave town for any type of medical treatment, dental care, or consultation with an oculist, she must first discuss the advisability of her plans with the College Physician.
8. If she becomes ill while away from college and is not able to return on schedule she must notify the College Physician as well as her Head of House. When she returns she must bring a note from her physician to the College Physician stating the nature of her difficulty and possible suggestions for her care.
9. If she is exposed to a communicable disease while in college she must report at once to the Doctors' office to learn how best to protect herself and her fellow students. If she is exposed elsewhere she must not return until she has communicated with the College Physician and has fulfilled whatever requirements may be suggested.

Students must comply with the preceding regulations in order that recommendations may be made to the Registrar and the Warden for excuses from classes missed or nights spent away from college because of illness.

EXPENSES

The registration fee of \$10 for application for admission to college is not refunded nor is it credited on any bill.

A deposit of \$50 is payable on or before July 1 of the year of her entrance by

each student admitted to Smith College. If the deposit is not received at that time, the College reserves the right to determine whether and on what conditions students who wish to make later payment shall be admitted. This deposit will be retained until after graduation or withdrawal from college. Shortly after graduation the deposit, less any incidental outstanding charges, will be refunded. In case of withdrawal, if notice in writing is filed with the Registrar prior to July 1 in respect to the first semester or prior to December 1 in respect to the second semester, the deposit will be refunded; otherwise it will be forfeited.

The graduation fee of \$10 is payable by all Seniors at the beginning of their last semester. In case of failure to graduate this fee will be refunded.

One-half of the annual fees for tuition, board, and room must be paid in advance at the beginning of each semester. Semester bills are mailed to the home address about ten days before the beginning of the semester. Students who fail to pay their regular semester bills within the first week of a semester or any other college bill within ten days of its date may be excluded from college. All college bills must be paid before a student is granted a degree.

Refunds will be allowed on students' bills only in extreme cases of which the College shall be the sole judge.

Each student is entitled to one transcript of her college record. A fee of \$1.00 will be charged for each additional copy.

Tuition and residence fee	\$1400.00
Nonresident fee	750.00
Fee for graduation.	10.00

Fees for courses in practical music:

Vocal or instrumental, for the college year:

One hour lesson a week	\$150.00
One additional half-hour lesson taken for extra credit	75.00
Courses in ensemble when given individually	50.00
Use of room for piano or vocal practice, one hour daily	10.00
Use of room for violin or other practice, one hour daily	5.00
Use of practice organs in John M. Greene Hall, one hour daily	25.00
Use of college orchestral instruments, one hour daily	10.00

Fees for classes in riding (optional):

	Freshmen	Sophomores
Fall term	\$37.50	\$56.25
Winter term	35.00	35.00
Spring term	32.50	48.75
Fall and spring terms if the entire fee is paid in the fall	60.00	95.00

Students not in these classes may buy twenty-hour tickets for \$40.

For winter sports \$3 is charged to cover the cost of transportation to ski or hiking centers. Those who choose golf pay a small amount for transportation and for greens fees.

The College reserves the right to change its fees at the end of any term if conditions should make it necessary.

Additional expenses, which can only be estimated, would include from \$25 to \$50 for books, about \$25 for subscriptions, dues, and student extracurricular activities (the so-called "blanket tax"), and from \$50 to \$100 for recreation and incidentals.

SCHOLARSHIPS, GRANTS, LOANS

Smith College, desirous of recognizing distinction and of aiding students of ability who are unable to meet their entire college expenses, offers scholarships of var-

ious amounts toward the payment of tuition and in some cases residence. Grants are awarded to students not of scholarship standing for which work up to six hours a week is done. The Self-Help Bureau (see page 49) makes it possible for students to earn some money. The Smith Students' Aid Society (page 50) makes loans to members of the three upper classes.

Applications for scholarships and grants should be addressed to the Director of Scholarships and Student Aid before March 1.

SCHOLARSHIPS

The principal of endowment funds for scholarship aid amounts to \$1,059,186, yielding under present conditions an income of \$42,729.48. To augment this sum the Trustees appropriate an additional amount each year from general income, and current gifts are received from clubs and branches of the Alumnae Association and from other organizations.

Freshman Scholarships. A certain number of scholarships are awarded by the College to incoming Freshmen of exceptional ability, the amount being based on financial need. These awards will be renewed annually if the student's academic work proves satisfactory to the Scholarship Committee of the Faculty.

The National Scholarships available for Freshmen are described on page 49.

Scholarships are awarded to students in college on the basis of academic standing, personal qualifications, and financial need. Applications should be made to the Director of Scholarships and Student Aid by February first.

Free tuition (but not including charges for courses in practical music) may be granted at the discretion of the Trustees to undergraduates who have been residents of Northampton or of Hatfield for three years before the date of their admission to college, provided they are able to satisfy the full requirements for admission; and this grant may be continued through their college course, provided they maintain diploma grade and conform to the regulations of the college, and continue to be residents of Northampton or of Hatfield.

The College awards fifteen scholarships in music each year.

Two tables of the value of \$75 each are maintained by the College at seaside laboratories for the benefit of students who show marked proficiency in the Departments of Zoology and Botany.

First Group Scholarships

The following scholarships are awarded to students of highest academic standing:

The Neilson Scholarships. Fifteen scholarships, created by the Board of Trustees in honor of President William Allan Neilson on the completion of fifteen years of his administration, to be awarded annually to students in the first group of scholars in the three upper classes.

The Dwight W. Morrow Scholarships. Ten scholarships to be awarded to Seniors in the first group of scholars.

The William A. Neilson Scholarship fund for full tuition.

The Sophia Smith Scholarships. These scholarships are awarded without stipend to members of the three upper classes whose standing entitles them to a place in this group.

Endowed Scholarships

The endowment funds held by Smith College for scholarships are as follows:

The J. J. Albright Scholarship fund of \$6700.

The Susan Fuller Albright Scholarship fund of \$6500, founded by the Smith College Club of Buffalo, the income to be awarded to a student from Buffalo.

The Franklin Baldwin Scholarship fund of \$1200.

The Bartol Scholarship fund of \$72,713.80.

The Suzan R. Benedict Scholarship fund of \$10,020.47, the income to be awarded to undergraduates majoring in mathematics.

The Mary Nichols Billings Scholarship fund of \$5000, given by Mr. Charles E. Billings. According to the wish of the founder, in the award of this scholarship the daughters of missionaries or those preparing for foreign missionary work will receive the preference.

The Mildred Louer Bird Scholarship fund of \$16,000.

The Morris A. Black Scholarship fund of \$2000, the gift of a nongraduate member of the class of 1895.

The President Burton Memorial Scholarship fund of \$33,512.03. Two scholarships of \$750 are awarded to members of the Freshman class.

The Jean Cahoon Memorial fund of \$10,000.

The John A. Callahan Scholarship fund of \$7084.04, the income to be applied yearly towards tuition for any pupils who have graduated at the Highland Grammar School in Holyoke, Massachusetts, now known as the Junior High School, and who have thereafter graduated at the Holyoke High School.

The James R. Campbell Scholarship fund of \$1009.97 for needy girls from New Hampshire or Connecticut, bequeathed by Miss Jennie Isabel Campbell 1893 in memory of her father.

The Bessie T. Capen Scholarship fund of \$5531.25 from the graduates and former students of the Capen School.

The Class of 1883 Scholarship fund of \$2151 in honor of Elizabeth Lawrence Clarke, Class President for fifty years.

The Class of 1887 Scholarship fund of \$10,000.

The Scholarship Fund of the Class of 1897, amounting to \$5682.87, the bequest of Lucy O. Hunt of that class.

The Sara Hunt Clough Memorial fund of \$1000, founded by Mr. Nathan P. Hunt, the income to be used preferably for daughters of graduate members of the class of 1895.

The Mildred E. Ford Cobb Memorial Scholarship fund of \$10,000, the income to be used for students from Cleveland or the vicinity.

The Katharine Baylis Cochran Scholarship fund of \$8000, the income to be awarded preferably to the daughter of a present or former missionary, minister, or educator.

The E. C. Converse Scholarship fund of \$50,000.

The Augusta E. Corbin Scholarship fund of \$8000, the gift of Mrs. James Owen Foss (Mabel Chick 1905).

The Charlotte Graves Cross Scholarship fund of \$5390, founded by Mr. Raymond W. Cross and Mr. Harvey B. Graves, the income to be given preferably to students from Rochester, N. Y., or vicinity. Application for this scholarship may be made through the Smith College Club of Rochester.

The Vivian Bubb Decker Scholarship fund of \$1000, given by Mrs. Bernice Decker Taylor 1919 for students of vocal music.

The Mary D. Dey Scholarship fund of \$5000, the gift of Mrs. Donald Dey 1884, alumnae trustee from 1896 to 1902. This scholarship is to be awarded to members

of the three upper classes, preference being given to daughters of clergymen and teachers.

The Anna N. Dice and John William Dice Memorial Scholarship fund of \$2000, given by their sister Miss Elizabeth Lind Dice 1905.

The Elizabeth Lind Dice and John Dice Memorial Scholarship fund of \$3000, founded by their daughter Elizabeth, the income to be awarded to a Freshman or a Sophomore.

The Elizabeth Lind Dice 1905 Scholarship fund of \$1000, given by her brother Mr. Louis Robinson Dice, the income to be awarded to a Freshman or a Sophomore.

The Mary Carter Duncan Scholarship fund of \$10,000.

The Elizabeth Edwards Memorial Scholarship fund of \$5000, founded by Mr. and Mrs. George S. Edwards.

The Constance Elaine Memorial Scholarship fund of \$5000, founded by Miss Caroline Phelps Stokes. The benefit of this scholarship is for young women who intend to be teachers, preference being given to those living outside of the United States; failing applicants from abroad, to students from Massachusetts or Connecticut.

The Elizabeth S. Fisk Memorial Scholarship fund of \$2000.

The Ida E. Fisk Memorial Scholarship fund of \$2000, bequeathed by Miss Elizabeth S. Fisk 1895.

The Marietta Miles Fisk Memorial Scholarship fund of \$2000, also bequeathed by Miss Fisk.

The Elizabeth Fobes Scholarship fund of \$1000, founded by Miss Elizabeth Fobes in memory of her niece Elizabeth.

The Mary P. Fowler Scholarship fund of \$15,000, the income to be used for a deserving student who shall at the end of her Junior year be judged to be pre-eminent for scholarship and for the power of leadership among her fellow students.

The Emily Frink Scholarship fund of \$2000.

The Fannie Furman Memorial Scholarship fund of \$10,000, founded by the Smith College Club of Rochester, N. Y.

The Eleanor N. Gaffield Scholarship fund of \$10,000, a bequest of Mrs. Minnie N. Gaffield in memory of her daughter.

The Gamble Scholarship fund of \$2000.

The Gannett Memorial Scholarship fund of \$2000, given by the Gannett Association of Boston in memory of Reverend George Gannett, Principal of the Gannett Institute of Boston, on the condition that applicants who are nominated by the executive committee of the Gannett Association and who present satisfactory evidence of high scholarship shall be preferred in the award. When no such applicant is presented, the scholarship may be awarded at the discretion of the college authorities.

The Carrie L. W. and Marion Gary Scholarship fund of \$12,437.23, the income to be used for students from Vermont if possible.

The Jessie S. R. Goldthwait Scholarship fund of \$10,000.

The Mary Louise Brown Graham Scholarship fund of \$8840 (formerly the Smith College Club of Pittsburgh fund), the income to be awarded preferably to a student from the vicinity of Pittsburgh.

The Ellen Clarissa Gross Scholarship fund of \$8000, founded by Mrs. Woods Chandler (Helen C. Gross 1905) in memory of her mother.

The Charlotte C. Gulliver Memorial Scholarship fund of \$10,040, given by the class of 1883.

The Julia Henrietta and Mary Gulliver Scholarship fund of \$9528.48.

The Anna Laura Holbrook Scholarship fund of \$14,508.56.

The Esther R. Holmes Scholarship fund of \$6000.

The Lucia Maria Houpt Scholarship fund of \$2500, the gift of Mr. Wilbur E. Houpt in memory of his daughter Lucia Maria Houpt 1912, the income to be given to that student who shall show natural and cultivated talent in art, and who needs assistance to continue her study.

The William Bertram Imlach Scholarship fund of \$8650.82, the income to be used for a scholarship in drawing and painting.

The Caroline E. Kilbon Scholarship fund of \$200.

The Jessie Stevenson Kovalenko Scholarship fund of \$5000, given in her memory by her husband Mr. Michael S. Kovalenko, the income to be awarded preferably to a student majoring in French or English.

The Mary Lanning Memorial Scholarship fund of \$5000, founded by Mr. and Mrs. W. H. Lanning of Hastings, Neb. This scholarship is awarded to a Sophomore.

The Latin-American Scholarship fund of \$7500, given by the class of 1890. This scholarship is for a student from a Latin country, or, if no such applicant is presented, to a student from some other foreign country.

The Alice and Florence Lord Scholarship fund of \$5023.64.

The Beatrice Austin Manning Scholarship fund of \$12,000 for the benefit of descendants of the class of 1902.

The Maplewood Institute Memorial Scholarship fund of \$5000, founded by the Maplewood Institute Association of Pittsfield.

The Helen Ayer Marden Scholarship fund of \$1000, the gift of Mrs. Frank W. Marden for students of vocal music.

The Nellie Eddy Mudge Scholarship fund of \$2000, founded by Dr. Seldon J. Mudge.

The Miriam Myers Memorial Scholarship fund of \$5000, given by Mrs. Guy C. Myers in memory of her daughter Miriam Myers 1933, the income to be used preferably for a student majoring in history.

The Harriet and Gurdon Pellett Memorial Scholarship fund of \$44,628.81, founded by Miss Sarah Frances Pellett 1882.

The Elizabeth Bartlett Phillips Scholarship fund of \$5000, the gift of Mr. James Phillips, Jr.

The Ellen Plimpton Scholarship fund of \$6000, given by Mrs. Elsie Fay Jordan 1892 in memory of her mother.

The Edith Nichols Putney Memorial Scholarship fund of \$1771.49, founded by the XYZ Club of Erasmus Hall and Newtown High Schools of New York City, a mathematics club organized and directed by Miss Putney 1899.

The Christina Rounds Memorial Scholarship fund of \$6000, given by the Alumnae Association of Miss Rounds's School (Brooklyn), the income to be awarded preferably to students from Brooklyn.

The Lucy J. Russell Scholarship fund of \$1000.

The Benjamin and David Scharps Scholarship fund of \$2500 established by Benjamin Scharps, the income to be awarded for proficiency in pianoforte playing.

The Alice Goodwin Schirmer Scholarship fund of \$5000.

The Edith Scott 1909 Scholarship fund of \$8000, founded by Mr. Walter Scott of New York, given preferably to a Senior.

The Sadie D. Scott Scholarship fund of \$8000, also founded by Mr. Scott.

The Emma E. Scranton Scholarship fund of \$1000, given by the friends of Miss Scranton.

The Seaver Scholarship fund of \$2000.

The Edith Dudley Sheldon Scholarship fund of \$1500.

The Elsie Damon Simonds Scholarship fund of \$25,350, the income to be awarded to students from Fitchburg or from Massachusetts.

The Andrew C. Slater Scholarship fund of \$4000, the income to be given preferably to a Junior or Senior from Massachusetts.

The Anna Margaret Sloan and Mary Sloan Scholarship fund of \$13,893.09, the income to be awarded to students who are especially interested in the study of philosophy or psychology.

The Louise Smith Scholarship fund of \$51,585.51.

The Smith College Club of Buffalo Scholarship fund of \$100.

The Smith College Club of Cincinnati Scholarship fund of \$10,788.47.

The Smith College Club of Cleveland Scholarship fund of \$4176.16.

The Smith College Club of Detroit Scholarship fund of \$7341.26 for full tuition for a student preferably from Detroit or Michigan.

The Evanston-North Shore Smith College Club Scholarship fund of \$5877.04.

The Smith College Club of Fitchburg Scholarship fund of \$5000.

The Smith College Club of New Haven Scholarship fund of \$9418.24 for full tuition to be awarded to a student from New Haven.

The Smith College Club of New York Scholarship fund of \$15,000 for two full scholarships for students from New York.

The Smith College Club of Philadelphia Scholarship fund of \$4271.84.

The Smith College Club of Rhode Island Scholarship fund of \$12,000 for full tuition to be awarded preferably to a student from Rhode Island.

The Smith College Club of Seattle Scholarship fund of \$3361.28 for full tuition.

The Smith College Club of Winchester Scholarship fund of \$400.

The Emily Hitchcock Terry Memorial Scholarship fund of \$3000, the income to be given to a student of the Department of Botany.

The Helen Rand Thayer Scholarship fund of \$10,000 to be used for New Hampshire students recommended by the New Hampshire Smith College Club.

The Julia Ball Thayer Scholarship fund of \$6000, founded by Miss Julia Beatrice Thayer for the education preferably of students from Keene, N. H.

The Eva I. Titman Scholarship fund of \$5000, the income to be given to a Junior majoring in history.

The Roslyn Titman Scholarship fund of \$5000, the income to be given to a Junior majoring in sociology.

The Rodney Wallace Scholarship fund of \$10,000, established by Mr. Herbert I. Wallace and Mr. George R. Wallace as a memorial to their father the Hon. Rodney Wallace of Fitchburg, for twenty-five years trustee of Smith College.

The Sophia Billings Wallace Scholarship fund of \$5000, given by Mr. Rodney Wallace.

The Sophia Ingalls Wallace Scholarship fund of \$5000, the gift of Mr. Rodney Wallace.

The Julia Carolyn Weston Scholarship fund of \$10,000, founded by Mr. John McWilliams in memory of his wife, a member of the class of 1900. The income is to be awarded preferably to a student from California, or, failing that, to a student from the Pacific Coast area.

The Margaret White Memorial Scholarship fund of \$5000.

The Hiram Whittington Scholarship fund of \$10,000, bequeathed by Miss Amy W. Eggleston 1895 in memory of her father.

The Wood Scholarship fund of \$10,000.

The Robert M. Woods Memorial Scholarship fund of \$5000.

National Scholarships

The Seven College Conference, an informal association of Barnard, Bryn Mawr, Mount Holyoke, Radcliffe, Smith, Vassar, and Wellesley Colleges, offers annually twenty-one scholarships to incoming freshmen, each college offering one in each of the three districts: Middle West (Kansas, Missouri, Nebraska), South (Louisiana, New Mexico, Oklahoma, Texas), West (California, Oregon, Washington). These scholarships vary in amount from \$100 to full expenses for tuition and residence.

Information and application blanks may be obtained from Mrs. F. Murray Forbes, Jr., 21 Beaver Place, Boston 8, Massachusetts.

Residence Scholarships

Residence scholarships are awarded in three co-operative houses. Entering students desiring rooms in one of these houses should make special application to the Director of Scholarships and Student Aid not later than March 1 of the year when admission is desired. Upperclass students apply for rooms in person at a time specified in the *Weekly Bulletin*.

Lawrence House and Albright House offer opportunity to one hundred and twenty-five students to reduce their living expenses. Board and room may be had in these houses for \$450 for the college year. Each student is expected to give approximately an hour a day to the work of the house in addition to the care of her own room.

Tenney House, originally established as the gift of Mrs. Mary A. Tenney, is not open to Freshmen. In this house the students co-operate in the purchase of food and in the duties of housekeeping. The cost for a room in Tenney House is \$150 for the year; current prices determine the cost of supplying the table.

In memory of Mrs. Tenney ten scholarships have been established known as the Tenney Residence Scholarships. These consist of \$100 each to be applied toward residence in any college house. They are awarded to students of approved character and scholarship in the three upper classes upon the recommendation of a committee consisting of Miss Mensel and Miss Lincoln.

A residence scholarship is awarded each year from the income of the Charles M. Thayer Memorial fund of \$3000 by the Committee on the Tenney Scholarships.

The White Lodge Scholarship is awarded annually by the President and the Warden.

FELLOWSHIPS

The list of fellowships awarded for graduate work and of those open to students from foreign countries will be found under Graduate Study.

SELF-HELP BUREAU

The College undertakes general supervision of the remunerative work done by undergraduates. Students wishing any kind of employment during the college year should register with the Director of Scholarships and Student Aid, and advice is gladly given in person or by correspondence on the subject of student earnings.

Only a limited amount of work is available, most of which is given to students of the three upper classes. Entering students can rarely do much outside work without damage to health or scholarship, so that it is undesirable for a girl to come to college without a good reserve fund to meet the greater amount of the expenses of the first year.

A few upper-class students may be appointed as full self-help students, doing twenty-one hours of work a week in the houses. They will pay a reduced fee for room and board.

SMITH STUDENTS' AID SOCIETY

The Smith Students' Aid Society, Inc., organized in 1897, offers, to the extent of its means, loans of varying amounts to students of approved scholarship and character from the three upper classes. Loans granted shall become due as follows: ten per cent on May 1 of the first year following that in which the borrower's class graduated from Smith College; thirty per cent one year later; and sixty per cent two years later. Interest at six per cent shall begin to run after the said maturity dates. Applications for loans may be made to Miss Eleanor T. Lincoln, 54 Prospect Street, Northampton. Contributions to the work of this Society may be sent to its treasurer, Miss Emma B. Proctor, College Hall, Northampton.

PRIZES

The Alpha Awards are made annually by a committee of the Faculty for excellence in the fields of creative writing, dance, drama, technical art, practical music or composition.

In 1947 Alpha pins were awarded to Lucile Gardner for practical music, Helen Mae Marcus for drama and dance, Janet Carolyn Yake for technical art. All were Seniors.

The Elizabeth Babcock Poetry Prize fund of \$2500, established by Miss Edith L. Jarvis 1909 in memory of Elizabeth Babcock ex-1911. The income is to be awarded annually for the poem adjudged best by a committee appointed by the Department of English. The competition is open to all undergraduates except those who have already won the prize, and the poem submitted may not have been printed previously.

Awarded to Lydia Mildred Tyler 1949.

The Harriet Dey Barnum Memorial Prize fund of \$300, founded by the class of 1916, the income to be used for outstanding work in music.

Awarded to Helen Edna Poterala 1947.

The Suzan Rose Benedict Prize fund of \$1085.47, the income to be awarded at the discretion of the Department of Mathematics to a Freshman or Sophomore who has done outstanding work in differential and integral calculus, the decision being made by the Department.

The Samuel Bowles Prize fund of \$2002.69, the income to be awarded to a Senior for the best thesis on a sociological or economic subject.

In 1947 divided between Bonnie Bevan (Mrs. Epstein) for a paper on "Sectarianism" and Ann Willcox (Mrs. Seidman) for a paper on "Wage Theory."

The John Everett Brady Prize fund of \$2000, the income of which is awarded for excellence in translating Latin prose and verse. A special examination is set in the spring.

Awarded to Margaret Randolph Merrick 1947.

The Margaret Wemple Brigham Prize fund of \$850, established in her memory by

friends and associates of the Division of Laboratories and Research of the New York State Department of Health, the income to be awarded to a Senior for excellence in bacteriology.

Awarded to Rosamond Anne Martin.

The Amey Randall Brown Prize fund of \$2000, given by Miss Mabel Brown 1887 in memory of her mother. The income is to be used as a prize for the best essay on a botanical subject.

The Vera Lee Brown Prize fund of \$1000, the income to be awarded to a Senior for work of honors grade in history on recommendation of the Department.

In 1947 awarded to Sarah Ellen Marchel.

The Yvonne Sarah Bernhardt Buerger Prize fund of \$5000, the income to be awarded to the undergraduate who has contributed most vitally to the dramatic activities of the college.

Divided among Suzanne Morris Fischer, Helen Mae Marcus, Margaret Ellen Martin, and Lucile Gertrude Mason 1947.

The James Gardner Buttrick fund of \$1000, given by Mrs. Buttrick in fulfillment of her husband's wish, the income to be used for a prize for the best essay on a subject in the field of religion and biblical literature suggested by a course in that Department and approved by the instructor.

Awarded to Lois Katherine Green 1949 for her essay on "The Essential Jesus."

The Julia Harwood Caverno Prize fund of \$2000, the income of which is given to an undergraduate for proficiency in Greek language and literature to be tested by an examination upon an assigned portion of Greek literature: in 1946-47, the *Iliad*, Books XVIII and XIX; in 1948, the *Odyssey*, Books IX and X; in 1949, the *Iliad*, Book XXIV.

Awarded to Ethelwyn Patricia Lindsey 1947.

The Sidney S. Cohen Prize fund of \$2500, the income to be awarded at the discretion of the Department of Economics.

In 1947 awarded to Ann Willcox (Mrs. Seidman) 1947.

The Dawes Prize fund of \$1898.57, the income to be awarded for the best undergraduate work in political science.

Divided between Marion Egjier (Mrs. Olds) and Nancy Fernald Shaw 1947.

The Alice Hubbard Derby Prize fund of \$2555.34, the bequest of Mr. Henry R. Lang in memory of his wife, a member of the class of 1885. The income is to be used for prizes awarded by the Classics Department to students of the Junior and Senior classes who have shown special proficiency in the study of Greek literature in the original in the year in which the awards are made.

Awarded to Ethelwyn Patricia Lindsey 1947.

The Hazel L. Edgerly Prize fund of \$500, founded in memory of Hazel Louise Edgerly 1917, the income to be awarded on the recommendation of the Department of History to a Senior for excellence in history.

Awarded to Anita Robbins Arvine.

The Settie Lehman Fatman Prize fund of \$5000, the income to be awarded for the best musical composition preferably in sonata form by a member of the Senior class or a Graduate Student who is taking Music 42 or 52.

In 1947 awarded to Alice Stuart Parker 1947.

The Henry Lewis Foote Memorial Prize fund of \$500, given by his wife Mrs. Harriett Risley Foote 1886, the income to be awarded for excellence in classwork in the Biblical courses, 16, 22, 25a, 27a and b, 36a and b.

In 1947 awarded to Greta Emmeline Brockhausen 1950.

The Clara French Prize fund of \$5000, founded by Mrs. Mary E. W. French, the income to be given to that Senior who has advanced farthest in the study of English language and literature.

Awarded to Christine Louise Petrone.

The Helen Kate Furness Prize fund of \$1000, founded by Horace Howard Furness, the income of which is given for the best essay on a Shakespearean theme. There is no restriction on the length of the essays, but in general they are not to be shorter than 4000 nor longer than 10,000 words. The competition is open to all undergraduates. The subject for 1947-48 is "Sentiment and Sentimentality in Shakespeare's Plays."

The Sarah H. Hamilton Memorial Prize fund of \$2000, given by her sister Mrs. Julia H. Gleason, the income to be awarded for an essay on music.

The Arthur Ellis Hamm Scholarship Prize fund of \$5000, founded by Mrs. Elizabeth Creevey Hamm 1905 in memory of her husband Captain Arthur Ellis Hamm, the income to be awarded to a Freshman on the basis of the year's record.

In 1947 divided among Greta Emmeline Brockhausen, Nicolle Grace Einhorn, Mary Eleanor Sanger, and Doris Jean Stewart.

The Frances A. Hause Memorial Prize fund of \$1000, founded in memory of Frances A. Hause 1922, the income to be awarded to the Senior who has majored in chemistry and has made the best record in that subject.

Awarded to Janet Elizabeth Washburn.

The Mary Augusta Jordan Prize, consisting of a replica in bronze of the medal given to Miss Jordan in 1921 by the alumnae, is awarded by them through the prize committee of the English Department to a Senior for the most original piece of literary work in prose or verse composed by her at any period of her undergraduate course in Smith College. No restriction is made as to subject, style, or length; and the composition may have formed part of the requirements of college study or have been already printed. Care should be taken about the appearance of any manuscript submitted. The work adjudged best may be printed in *The Smith Alumnae Quarterly*.

The Emogene Mahony Memorial Prize fund of \$500, founded by Miss Ethel Haskell Bradley 1901, the income to be given for proficiency in organ.

Awarded to Alice Stuart Parker 1947.

The Mrs. Montagu Prize fund of \$400, founded by Mrs. Abba Louisa Goold Woolson in honor of Mrs. Elizabeth Montagu, the income to be awarded for the best essay on the women of Dr. Johnson's time.

The Victoria Louise Schrager Prize fund of \$2000, given in her memory by her family and Miss Marjorie Hope Nicolson, the income to be awarded annually to a Senior who has maintained a distinguished academic record and has also taken an important part in student activities.

In 1947 awarded to Allison Butler.

The Andrew C. Slater Prize fund of \$1000, the income of which is awarded to an undergraduate for excellence in debate.

The Frank A. Waterman Prize fund of \$335, the income to be awarded to a Senior who has done excellent work in physics.

In 1947 awarded to Virginia Lenk Fried (Mrs. Walters).

PHI BETA KAPPA SOCIETY

The Zeta of Massachusetts Chapter of the Phi Beta Kappa Society was established at Smith College during the year 1904-05, and the first undergraduates were elected

to membership in April. In 1920 provision was made for the election of a small number of Juniors. Rules of eligibility are established by the Chapter in accordance with the regulations of the national society.

Through the Committee on Graduate Study the Chapter awards the sum of \$50 to a Senior who deserves and needs help in doing graduate work or research.

Awarded in 1947 to Lucile Gardner.

SOCIETY OF THE SIGMA XI

Smith College was the first woman's college to be granted a charter for the establishment in 1935 of a chapter of the Society. Every year the Chapter elects to membership Seniors who excel in two or more sciences and promising graduate students.

Each year, in order to further scientific interest in the student body, a plaque is awarded to the house whose students have the highest grades in science.

In 1947 awarded to German House.

THE VOCATIONAL OFFICE

The chief function of the Vocational Office is twofold, guidance and placement work. Interviews are held with students of all classes to assist them in selecting their future occupations and in relating their college courses of study to these occupations. Lectures on the various fields of work open to women are held during the autumn and winter terms. Placement work is carried on for the benefit of the alumnae and seniors. Underclassmen are also assisted in finding summer positions to aid them financially and to give them experience valuable in choosing their future work and in securing permanent positions.

The Vocational Office also serves as a clearing house for the letters of recommendation of seniors and alumnae who have registered with it. These letters are sent upon request to prospective employers, scholarship committees, etc. Address, Miss Alice N. Davis, Director, Smith College, Northampton.

THE PHYSICAL PLANT

COLLEGE HALL, dedicated in 1875 at President Seelye's inauguration, is the main administrative building of the college.

SEELYE HALL, given by friends of President Seelye with the understanding that the building should bear his name, contains department offices, classrooms which seat over fifteen hundred students, and the laboratories of the Department of Geology and Geography.

SAGE HALL, named in honor of Mrs. Russell Sage and built out of the Four Million Dollar Endowment Fund, is the music building, containing an auditorium seating over seven hundred equipped with a Hammond organ and apparatus for sound motion pictures, a library and a collection of about five thousand records, classrooms, offices, and practice rooms.

HATFIELD HALL, formerly Hatfield House, was transformed into an academic building in 1926, providing needed seminars and classrooms, and space for the Museum of Classical Antiquities and the laboratory of phonetics.

FAUNCE HALL, formerly the gymnasium of the Capen School, now with offices, classrooms, and a lecture hall, is used principally by the Department of Speech.

PIERCE HALL, until 1924 the music building, was then named in honor of Arthur Henry Pierce, Professor of Psychology from 1900 to 1914, and is devoted mainly to that Department.

LILLY HALL OF SCIENCE contains the lecture rooms, laboratories, and library of the Department of Physics. It was the gift of Mr. Alfred Theodore Lilly, of Florence, Massachusetts.

THE OBSERVATORY with its original equipment was given by President L. Clark Seelye and Mr. A. Lyman Williston in honor of their wives Henrietta Chapin Seelye and Sarah Tappan Williston. Additions to the building and equipment were made possible by the Eliza Appleton Haven Fund. The instruments include equatorial telescopes of eleven and six inches aperture, a three-inch Ross camera, a four-inch transit instrument with zenith level, and other apparatus for teaching purposes. The flat roofs of the Observatory and the Library wing furnish ample space for naked-eye observing.

STODDARD HALL, in part the gift of the class of 1895 and their friends, and named in honor of John Tappan Stoddard, professor in Smith College from 1878 to 1919, was built in 1898 and enlarged by an addition in 1918. It is fully equipped with lecture room, library, laboratories, classrooms, offices for instructors, and the latest appliances for chemical work.

BURTON HALL, a building of modern fireproof construction provided with the best equipment for the study of the biological sciences, was named for President Burton, and was opened for use in September, 1914.

THE WILLIAM ALLAN NEILSON LIBRARY, the gift of Mr. Andrew Carnegie, alumnae, and students, now contains 338,503 volumes, this number including those books and pamphlets housed for greater convenience in the libraries of the art, music, and science buildings. The open-shelf system permits free access to all books. In the Library building there are department seminar rooms, a large reference room, general reading and study rooms, a Rare Book Room, and a room for the college archives. The Browsing Room, furnished like a private library and lined with shelves holding the works of standard authors in the best editions, offers opportunity for and encourages leisure-hour reading. A wing was built in 1937 to provide space for more stacks, and to make possible the addition of carrells, seminar rooms, and offices for staff and instructors. The Little Chapel occupies the outer end of this wing.

THE HILLYER GALLERY, named for Mr. Winthrop Hillyer whose gift and bequest made this first art gallery possible, is provided with studios and exhibition rooms, a library of art in memory of Mr. Drayton Hillyer, a collection of approximately thirty thousand photographs and twenty-eight thousand slides. Graham Hall, a lecture hall fitted with lantern and screen, was added through the generosity of Mrs. Christine Graham Long 1910.

When the TRYON GALLERY was presented to the college by Mr. and Mrs. Dwight W. Tryon, most of the paintings, prints, and other works of art were transferred to it from the Hillyer Gallery. There are galleries for loan exhibitions, which are arranged under the auspices of the Museum of Art to supplement the permanent collections.

JOHN M. GREENE HALL, given by Mr. John D. Rockefeller and other donors, and named in honor of the Reverend John Morton Greene seats nearly twenty-three hundred people. In addition to the exceptionally fine four-manual organ which was presented by the class of 1900 as a memorial to Mrs. Cornelia Gould Murphy, there are two accessory two-manual organs.

THE ALUMNAE GYMNASIUM, given by the alumnae and their friends in 1891, contains a hall arranged for gymnastic exercise and indoor sports, a bowling alley, and a faculty squash court.

THE SCOTT GYMNASIUM was named in honor of Mr. Walter Scott and built out of the Four Million Endowment Fund. In it are a large hall for indoor gymnastic work, a hall for corrective gymnastics, a dance room, and a swimming pool 23 by 75 feet.

THE RECREATION FIELDS, over thirty acres in extent, including the Allen Field, the gift of Mr. Frank Gates Allen, of Moline, Illinois, and the New Athletic Field, afford opportunities for such sports as hockey, tennis, archery, cricket, volley ball, clock golf, and basket ball.

THE BOATHOUSE has accommodation for canoes, rowboats, and eight rowing machines. THE CREW HOUSE houses eight rowing shells and includes a large recreation room.

THE FIELD HOUSE was built on the New Athletic Field in the summer of 1939 with funds given by the classes of 1938 and 1939, the undergraduates, the Athletic Association, and the Trustees. Besides storage space for athletic equipment and skates and skis, it contains a lounge, a kitchenette, a small meeting room, and dressing rooms for men and women.

THE LYMAN PLANT HOUSE, the gift of Mr. Edward Hutchinson Robbins Lyman in memory of his mother Anne Jean Lyman, comprises nine greenhouses illustrating the vegetation of different climates and providing material for laboratory study, together with physiological and horticultural laboratories.

Adjoining the Plant House is the BOTANIC GARDEN, an herbaceous garden designed for horticultural study, with sections to illustrate plant classification and habits. Arranged about the college grounds are smaller gardens and a collection of numerous varieties of native and imported trees and shrubs.

THE ELIZABETH MASON INFIRMARY, at the head of Paradise Road, was opened in 1919. Its name commemorates Mrs. Elizabeth Mason Howland, a graduate of the class of 1904 and a daughter of Mr. Frank H. Mason of Akron, Ohio, whose gift completed the fund raised by the Alumnae Association. It is a fireproof building carefully designed to serve the peculiar purposes of a college infirmary, and can accommodate sixty students. The Florence Gilman Pavilion which is partly completed increases the facilities for the care of students.

THE STUDENTS' BUILDING, built mainly by the efforts of the students and the alumnae in 1903, and designed to be the center of the social life of the students, contains a small theater and rooms for student organizations and departmental clubs.

GILL HALL on Prospect Street is used by the Department of Education and Child Study for the Smith College Day School. In addition to the classrooms there is an assembly hall seated for two hundred. Adjoining is a large playground.

THE ELISABETH MORROW MORGAN NURSERY SCHOOL, acquired through the bequest of Mrs. Morgan 1925, occupies a site adjoining the Smith College Day School.

THE ALUMNAE HOUSE, presented to the College by the Alumnae Association in 1938, contains offices for the Association staff, rooms for the use of the alumnae and the college including a conference room seating two hundred and forty.

DORMITORIES. There are thirty-six dormitory units affording accommodation for about two thousand students. The list with the names of the Heads of House may be found on page 30.

Besides these buildings which have been listed the College owns a large laundry, a central heating plant, a riding stable with outside ring, about fifty houses occupied by members of the Faculty and staff, garages, and buildings used by the Department of Buildings and Grounds.

ADMISSION OF STUDENTS

STUDENTS may be admitted to Smith College as candidates for the degree of Bachelor of Arts, either as members of the Freshman class, or as members of the Sophomore or Junior classes with advanced standing. The Board of Admission attempts to select from the complete list of applicants those students whose records of character, health, and scholarship give evidence of their equipment for college and indicate the greatest promise of their profiting by its advantages.

APPLICATION FOR ADMISSION

Forms of application will be furnished upon request to the Board of Admission. A registration fee of ten dollars, which is not refunded, must accompany each application card. Early application is advisable in order to insure the prompt completion of all preliminary arrangements. Rooms are assigned to entering students in the order of their original dates of application. The date of application is not considered, however, in the selection of candidates.

ENTRANCE REQUIREMENTS

Candidates are urged to plan their program of study as early as possible in the secondary school course, bearing in mind the important relationship between school and college work. The normal program which the College recommends consists of sixteen units, and should be distributed as listed below. (A unit represents work involving four or five exercises a week for the whole school year, except in sciences which include laboratory periods.) The Board of Admission is willing to consider able candidates who do not meet all of the requirements.

REQUIRED SUBJECTS

English	4 units
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In two of the following three fields the maximum number of units must be offered. For example, if a student offers three or four language units she must present four units in mathematics-science and two in history.

Languages	3, 4, or 5 units
Three units in one language or two in each of two must be offered by all candidates. If five or more are offered Latin or Greek must be included. No credit will be given for one unit	

Mathematics-Science	2 or 4 units
One unit of algebra and one of geometry must be offered. If four are offered three must be in mathematics (algebra 2, geometry 1) and one in a laboratory science (biology, chemistry, physics), or four may be in mathematics	

History	1 or 2 units
One unit is required. If a second is offered it must be in a different field	

ELECTIVE SUBJECTS

In addition every candidate will present two or three elective units to complete the requirements. The approval of the Board of Admission must be secured before electing subjects other than those in the following list:

- I. Humanities
 - Art (1 or 2)*
 - Music (1, 2, or 3)
 - Bible (1)†
 - Languages (2, 3, or 4)
 - French, German, Greek, Italian, Latin, Spanish
- II. History and Social Studies
 - Ancient, medieval and modern European, modern European, English, American, or social studies (1)
- III. Mathematics-Science
 - Intermediate algebra (1)
 - Solid geometry ($\frac{1}{2}$), trigonometry ($\frac{1}{2}$), advanced algebra ($\frac{1}{2}$)—any 2
 - Biology, botany, chemistry, physics, or zoology (1)

METHODS OF ENTRANCE

It is advisable, whenever possible, for the candidate to communicate with the Board of Admission well in advance of entrance—if possible during the third year of secondary school—in order that the College may assist her in planning her work, and may give her information and advice concerning her entrance plans.

Admission is based on the candidate's record as a whole: the school record, the principal's recommendation, the College Board tests, the results of any psychological tests which the student may have taken (the Iowa Silent Reading Test and the American Council Psychological Tests are strongly recommended), the Regents' examinations for students from New York public schools, and other information secured by the college regarding general qualifications. Before the student is finally admitted, she must submit to the College Physician a full history of her health. A blank for this purpose will be sent to the student when she is notified of the decision of the Board of Admission in May. All credentials should reach the Board of Admission before May 1 if the student wishes to have her application considered at the May meeting of the Board.

COLLEGE ENTRANCE EXAMINATION BOARD TESTS

Candidates for admission to the Freshman class are required to take the Scholastic Aptitude Test and three Achievement Tests. One Achievement Test must be in English; the others must be selected from two of these fields—foreign languages (French, German, Latin, Spanish), science (biology, chemistry, physics), social studies (history).

Smith College will accept any one of the three types of the Scholastic Aptitude Test—two-thirds verbal aptitude and one-third mathematical aptitude; one-half each verbal aptitude and mathematics achievement; one-third verbal aptitude and two-thirds mathematics achievement. It is expected that the first type in which the mathematical section tests the student's aptitude for mathematics will be taken by those who have studied mathematics for only two years. The second type will probably interest those who wish to show achievement in mathematics regardless of the amount studied. The third type will normally be taken only by those who have had four years of mathematics and who wish to continue the study of mathe-

* Schools offering courses in technical art or history of art for entrance credit for the first time should consult with the Board of Admission before allowing students to elect these courses for this purpose.

† A detailed outline of the course, signed by the instructor, must be submitted to the Board of Admission for approval.

matics or science in college. A certain amount of flexibility will be exercised, and the scores will be interpreted in the light of the school record.

Beginning with the class entering in 1949 all candidates will be required to take these tests in their senior year. Students who complete the school course in June will be expected to take the three Achievement Tests in April of that year and the Aptitude Test in December, January, or April. If they take the Aptitude Test in December or January they should not repeat it in April unless there is a marked discrepancy between the test results and school performance. Those students who are graduated in January will probably prefer to take all the tests in December or January.

REGENTS' EXAMINATIONS

Candidates from New York State public schools may offer Regents' examinations of *high standing* in addition to the Scholastic Aptitude and Achievement Tests given by the College Entrance Examination Board. Candidates are held responsible for seeing that the official reports on the Regents' examinations taken through the first half of the senior year are sent to us from Albany before April 1, and that the final reports are sent to us before July 1.

ADMISSION FROM FOREIGN COUNTRIES

The College is interested in admitting foreign students and is willing to make exceptions for students who give evidence of ability to do the work at Smith College. Applicants are advised to communicate with the Director of Admission well in advance of entrance in order that the College may advise them concerning their entrance plans. All candidates whose native language is not English will be required to take the English Examination for Foreign Students given by the College Entrance Examination Board. Candidates should communicate with the United States Foreign Service Post nearest their homes to secure information regarding the name and address of the examination supervisor to whom they should apply. The charge for this examination will be three dollars (United States currency) in the Western Hemisphere, and ten dollars in other parts of the world. Candidates trained outside of the United States, whose native language is English, will be expected to take the Scholastic Aptitude Test and three Achievement Tests given by the College Entrance Examination Board.

GENERAL INFORMATION ABOUT THE COLLEGE BOARD REGULATIONS

In 1947-48 the College Entrance Examination Board will give the Scholastic Aptitude Test (including verbal and mathematical sections) and the Achievement Tests December 6, January 24, April 3, June 5, and August 18. The afternoons of these same days a Special Aptitude Test for Veterans will be given at all examination centers. For further information inquiries should be addressed to the College Entrance Examination Board.

A *Bulletin of Information* containing rules for the filing of applications and the payment of fees, lists of examination centers, etc., may be obtained without charge from the College Entrance Examination Board.

Candidates should make application by mail to the College Entrance Examination Board, Box 592, Princeton, N. J. Blank forms for this purpose will be sent to any teacher or candidate upon request. When ordering the forms candidates should state whether they wish to take the December, January, April, June, or August tests.

In order to facilitate the arrangements for the conduct of the tests all applications should be filed as early as possible. Each application should be accompanied by the fee of \$10. The fee for the Scholastic Aptitude Test taken alone is \$5; for the Achievement Tests alone \$7. Applications and fees should reach the office of the Board not later than the dates specified: For examination centers in the United States east of the Mississippi River or on the Mississippi, November 15 for the December Series, January 3 for the January, March 13 for the April, May 15 for the June, and July 28 for the August; west of the Mississippi River or in Canada, Mexico, or the West Indies, November 8, December 27, March 6, May 8, and July 21 respectively; outside of the United States, Canada, Mexico, and the West Indies, October 18, December 6, February 14, April 17, and June 30. Belated applications will be subject to a penalty of \$3 in addition to the regular fee.

When a candidate has failed to obtain the required blank form of application the regular fee will be accepted if it arrives not later than the specified date and is accompanied by the name and address of the candidate, the exact examination center selected, the college to which the report is to be sent, and the test or tests she is to take.

The College Entrance Examination Board will report the results of the tests to the institution indicated on the candidate's application. The college will, in turn, notify the candidates of the action taken upon their applications for admission. No reports on the tests will be sent to candidates by the Board.

ART, BIBLE, MUSIC

Smith College accepts for entrance credit elective units in art, Bible, and music. Candidates who wish to offer any of these units should correspond in advance with the Director of Admission, sending outlines of the courses they wish to present.

ART

Any student wishing to offer a unit in art, either historical or technical, should communicate with the Director of Admission.

An examination in the history of art will be given by the College to candidates for entrance where it is desirable. This examination will include a choice of questions involving a survey of architecture, sculpture, and painting in the Western world from earliest times to the present day, with special reference to the relation between the arts and their historical background. In preparation attention should be given to the study of original works of art, where possible, in addition to study from slides and other reproductions. The following list of books shows the type of reading which is acceptable: Holger Cahill and Alfred H. Barr, Jr.: *Art in America*; Helen Gardner: *Art through the Ages* (revised ed.); Chandler Rathfon Post: *A History of European and American Sculpture*; J. D. Beasley and B. Ashmole: *Greek Sculpture and Painting*; Frank Jewett Mather, Jr.: *Venetian Painting*; Roger Fry: *Flemish Art, A Critical Survey* (Brentano, 1927); C. H. Collins Baker: *Dutch Painting of the Seventeenth Century* (*The Studio*, London, 1926); *German Art from the Fifteenth to the Twentieth Century* (with Introduction by Helen Appleton Read. The Oberlaender Trust, Carl Schurz Memorial Foundation, Philadelphia, 1936). The Department may be consulted for a more detailed list.

BIBLE

Work offered for entrance in Bible will ordinarily be tested by an examination set in the spring. Smith College will accept without examination a unit in Bible

from schools whose courses in the subject have been approved by the Department of Religion and Biblical Literature, these courses being in general of the standard suggested by the National Association of Biblical Instructors for college entrance work in Bible.

MUSIC

Music may be offered for one, two, or three units as follows: One unit, fundamentals of music; two units, fundamentals of music and literature of music, or fundamentals and practical music (literature of music and practical music may not be offered except with fundamentals); three units, fundamentals of music, literature of music, and practical music.

Students offering music for entrance credit are expected to have followed such courses in preparatory school as are outlined in the special pamphlet, *Outlines of Courses in the Fundamentals of Music and Musical Literature Which May Be Offered for College Entrance Credit in Music*. This may be obtained by writing to the Secretary of the Department of Music, Sage Hall. All students applying for entrance credit will be required to send in notebooks showing the material they have covered.

Those who offer practical music for entrance credit must send in a list of the pieces they have studied.

Students who intend to go on with practical music in college must be prepared to show they are qualified to do so. Tests of such qualifications are outlined on page 126.

ADVANCED STANDING

A limited number of students may be admitted each year with advanced standing from other colleges. At least two years' residence at Smith College is ordinarily required of a candidate for the degree of Bachelor of Arts.

Candidates for admission with advanced standing should submit a written statement of their reasons for wishing to transfer to Smith College. They must present evidence that they have had the subjects required for admission to the Freshman class and that a satisfactory score has been achieved in the Scholastic Aptitude Test of the College Entrance Examination Board. They must secure from the college previously attended a letter of honorable dismissal and a transcript showing that they have attained a superior record in a program that correlates with the Freshman and Sophomore requirements indicated on page 69. In place of the Scholastic Aptitude Test students from foreign countries for whom English is not their native language must take the English Examination for Foreign Students given by the College Board.

Admission for all students is competitive. The Board of Admission reserves the right to reject any candidate who falls below the standard of any given year set by the records of that year's candidates. A candidate thus rejected for admission as a Sophomore may not apply for admission as a Freshman, nor may a similarly rejected applicant for Junior rank seek admission as a Sophomore.

Candidates for admission with advanced standing who have been unsuccessful candidates for admission to Smith College as Freshmen will be expected to present a very high record at the college from which admission is sought by transfer. Students who for at least one year have carried an adequate college program at an approved institution, whether a four-year college or a junior college, may not disregard that record and apply for admission as Freshmen but must apply under the regulations governing admission with advanced standing.

Subject to these conditions admission from approved colleges and credit for work (except in practical music and art) done there will be granted without examinations after a full transcript of the student's record has been received.

Students admitted with credit of more than twenty and less than fifty-one semester hours will be ranked as Sophomores. Those credited with more than fifty hours will be ranked as Juniors except when, in the opinion of the Board of Admission, they are unprepared for this rank, in which case they may be admitted as Sophomores with adjusted credits. Any shortage below thirty or sixty hours, the normal number of credits at the beginning of the Sophomore or Junior year respectively, must be made up later by the carrying of hours above the minimum of fifteen a semester. Removal of a shortage of more than three hours will usually involve attendance at an approved summer school.

Advanced standing students during their first semester of residence may not elect more than seventeen hours except by permission of the Administrative Board.

Application for admission should be made to the Director of Admission as early as possible and in general not later than April 1 of the year in which admission is sought in order to facilitate arrangements for transfer.

RETURNED SERVICE WOMEN

Returned service women who wish to apply for admission should write to the College for information. There will be flexibility with regard to entrance requirements and choice of courses after entrance adapted as far as possible to individual abilities and needs.

NONCOLLEGIATE STUDENTS

Women not college graduates, but of an age beyond that of the ordinary undergraduate, who give evidence of a serious purpose and are otherwise properly qualified, may be admitted to courses of study or to supervised research work in the college with the approval of the Registrar and the instructor concerned. The fee is \$15 per semester hour.

These students must fulfill all the requirements of the course or courses taken by them, and shall not be allowed to continue more than one semester in a course in which they have failed to meet the requirements, or in which their presence is found to be detrimental to its primary object. The decision of the instructor on these matters shall be final.

Students of this class shall not be candidates for a degree but may, on request, obtain from the Office of the Registrar a certified statement of their work.

AUDITORS

Any person not connected with the college may be an auditor, provided she has obtained the permission of the Registrar and of the instructor concerned. The fee is \$5 per semester course.

RESIDENCE AND ATTENDANCE

RESIDENCE

1. The minimum residence requirement for undergraduates (Seniors excepted) for a college year shall be two full semesters in college less six nights of absence in each semester for Freshmen, seven for Sophomores, eight for Juniors. The administration of this rule and the granting of exceptions for such reasons as illness shall lie with the Administrative Board. [Any student absent for the allowed number of nights a semester for whatever reason should report to the Office of the Warden before taking further absence at night.] Every night, except the night before and the night of Thanksgiving Day, spent outside a college house, whether in or out of Northampton, will be included as one of the nights of absence.

EXCEPTION: Saturday nights, the night before Memorial Day, and nights during the two examination periods, when spent at the cabins.

2. Residence in each semester is reckoned from chapel on the first day through the last examination of each individual student. However, at the beginning of the Christmas and spring recesses the residence requirements for each student end with her own last academic appointment of the term.
3. Only those students may extend the winter or spring recess either at the beginning or the end who live beyond the western boundary of Minnesota, Iowa, Missouri, Arkansas, and Louisiana, or a similar distance from Northampton.

NOTE.—These regulations are applicable only to students living in houses controlled by the college.

ATTENDANCE AT COLLEGE CLASSES

1. Students are expected to attend all their scheduled college classes and not to absent themselves without adequate reason.

(a) Upper-class students.

In general the responsibility for keeping this obligation shall rest with the student, but the Administrative Board has power to deal with individual cases of nonattendance.

(b) Freshmen.

Freshmen are required to attend classes throughout the first semester. They may be permitted unexcused absences to the number of credit hours that they are carrying, these absences to be distributed pro rata according to the number of hours credit per course.

In the second semester those who have attained a B average may take the responsibility for their own attendance. Those who are below diploma grade are not permitted any absences. For others the attendance regulations of the first semester are continued.

Absences do not relieve the student from responsibility for work required while she was absent, and the burden of proof that she has done the work rests with her. In courses in which the work cannot be satisfactorily tested by written examination, the instructor shall be the judge of the relation of the student's attendance or nonattendance to her grade.

2. At the beginning of each semester and after the winter and spring recesses students shall register in person at first chapel. The Faculty *requires* attendance in all classes meeting on the first day of each semester, on the Wednesday preceding and the Friday following Thanksgiving Day; also on the two days before and the day after the Christmas and spring recesses. Every student who does not register and attend classes in accordance with this regulation must check her record in the Office of the Registrar within a week of her absence. If she was absent because of illness a report must also be filed in the Office of the College Physician.
3. Students who come under the following heads are placed on the Registrar's List:
(a) Sophomores and Juniors who are below diploma grade. These students are allowed two days of automatically excused absence in each semester. Absence from even one class shall count as one of these days. No other absences are permitted.
(b) Students who, for reasons which the Registrar does not regard as sufficient, have failed to register and attend classes in accordance with the regulations. These students may not be absent from class. The administration of this rule and the granting of exceptions shall lie with the Administrative Board.
4. Every Freshman and every student on the Registrar's List is subject to the following regulations:
(a) She is responsible for checking in the Office of the Registrar her own record of *all* absences and excuses for whatever cause.
 - (1) If she is absent because of illness a report must also be filed in the Office of the College Physician.
Illness in the dormitory is reported by the Head of House.
Illness out of town is reported by the student herself within a week of her return.
 - (2) If she is on the Registrar's List and is absent from class for any reason except illness she must report to the Registrar within a week.
 - (3) If she is a Freshman she is responsible for keeping count of the number of her absences from each course and for checking in the Registrar's office which of her absences have been excused.
(b) She may not be excused early from class and counted present except by permission of the Registrar.
(c) No change from division to division is allowed in order to prevent or remove records of absences.

ABSENCE BECAUSE OF ILLNESS

If classes are missed or nights are spent away from college because of illness the absences may be excused by the Registrar or the Warden on recommendation from the Doctors' office. [If the health regulations have been carried out at the times when any illness or accident has occurred reports will be on file at the Doctors' office and recommendations will be made from these.] Students should inquire at the Office of the Registrar whether their absences from class have been excused, and at the Warden's office regarding excuses for nights out of residence.

ABSENCE FROM EXAMINATIONS

A student necessarily absent from an examination must report her absence, with her reason therefor, at the Registrar's office personally or by letter as soon as possible. If the reason for absence is regarded by the Registrar as satisfactory the

student will be given another opportunity for examination. If the absence is caused by illness an excuse must be obtained through the College Physician.

There are two periods a year set aside for make-up examinations when students who have been given permission to do so are required to present themselves: (1) as far as possible within the first month of the academic year for those students who were absent from finals; (2) as far as possible within the first month of the second semester for those students who were absent from the midyear examinations.

When students are officially excused from presenting themselves at the "make-up" following the one from which they were absent, they are required to take the next regular examination scheduled in the course. Special arrangement is made for Seniors who, in the final examinations of Senior year, have been absent because of illness.

Students may not take examinations or tests at the same time as the rest of the class in other than the officially appointed places except by permission of the Administrative Board.

No student will be excused from an examination given her class except by vote of the Faculty obtained through the department concerned.

WITHDRAWAL FROM COLLEGE

A student expecting to withdraw from college must file with the Registrar a letter from her parents or guardian giving the reason for withdrawal, and obtain from her a card of withdrawal.

READMISSION

No student who has withdrawn from college may be readmitted except with the permission of the Administrative Board. Application for readmission in September should be sent to the Registrar before April 1; for readmission in February before December 1.

In general, students who have withdrawn from college at the end of the first semester will be permitted to return only in the following February.

THE COURSE OF STUDY

THE curriculum is administered by the Administrative Board, constituted as follows: the Dean (chairman), the Warden, the four Class Deans, the Registrar, the College Physician, and three other members of the Faculty.

REQUIREMENTS FOR THE A.B. DEGREE

For graduation every student must have completed one hundred and twenty hours plus the prescribed work in physical education, taking a minimum of fifteen hours each semester. A cumulative average of at least C is required; the average for the Senior year must be C or above. At the end of any year, if a student's average is below that required for graduation, her case is subject to review by the Administrative Board, and she may be excluded from college.

The normal program covers four years. In special cases, when plans can be approved during the Freshman year, it may be possible for students to complete the work in three years by attending two summer sessions elsewhere.

Only in rare cases will the degree be granted after a shorter period of residence at Smith College than two years, one of which must be the Senior year.

GRADES

Grades are assigned with the following significations: A, excellent; B, good; C, fair; D, poor; E, failure.

In the courses designated as year courses, the grade which the student obtains at the end of the second semester is the final grade for the year.

FAILURES AND WARNINGS

A failure in a course involving a shortage in hours must be made up before graduation by carrying an equivalent amount of work above the minimum in subsequent years.

The failure in the course may be made up by repeating the course or by taking other work which conforms to the regulations of the curriculum applicable to the course for which it is offered as a substitute.

A student who has failed in the work of five or more hours in two consecutive semesters or in any three semesters, or who has failed in the work of ten or more semester hours in a year is excluded from college unless special exception be made by vote of the Administrative Board.

Any student whose scholarship is generally unsatisfactory may be brought before the Faculty for action and excluded from college.

A student who has failed in the work of five or more hours in a semester receives an official warning.

While instructors will use all reasonable means to inform the student of her liability to fail in her work, the student must not in any case regard the absence of such notification as a claim to exemption from a failure.

THE CURRICULUM

FOR THE CLASSES OF 1948, 1949, AND 1950

In addition to the Freshman requirements of English 11, Physical Education 1a and b, and hygiene, students must have completed before the end of Sophomore

year Physical Education 2a and b and the Group requirements as outlined below in courses which are marked with the corresponding Roman numerals.

GROUP I. Languages: French, German, Greek, Italian, Latin, Polish, Russian, Spanish.

Six semester hours of a language if it was offered for entrance; twelve semester hours of a language begun in college. Students with exceptional language training may be recommended for exemption from this requirement. The courses which fulfill this requirement are marked I or I and II.

GROUP II. Literature and Fine Arts: Biblical Literature, English, French, German, Greek, Italian, Latin, Russian, Spanish, Art, Music, Speech, Theatre.

Six semester hours in this Group unless a course marked I and II was taken to fulfill the requirement in Group I.

GROUP III. Sciences: Astronomy, Botany, Chemistry, Geology and Geography, Hygiene and Bacteriology, Mathematics, Physics, Psychology, Zoology.

Six semester hours in a course marked III I (*i.e.* a laboratory science) or in mathematics if four or more units in science and mathematics were offered for entrance; if only three units in science and mathematics were offered for entrance students must take twelve hours in courses marked III I or III n (*i.e.* science without laboratory) of which at least six must be in a course marked III I.

GROUP IV. Philosophical-Historical Studies: Economics, Education and Child Study, Government, History, Philosophy, Religion, Sociology.

Six semester hours in this Group.

Sixty semester hours must be taken by the end of Sophomore year and any not used in fulfilling the requirements may be used for electives.

In the spring of Sophomore year the student indicates a major subject which is based on a designated course or courses taken in Freshman or Sophomore year. As the major work occupies one-half of the student's time in the two upper years its selection is an important choice and so far as possible the election of subjects in the first two years should be made with the major in view.

Each department has appointed advisers of the major whom students may consult regarding the selection of their major subjects.

JUNIOR AND SENIOR YEARS

During Junior and Senior years students must complete sixty semester hours of work which is divided between a major and elective courses, or must complete a program toward Honors as outlined by the various departments.

Not more than twelve semester hours of Grade I and not less than twenty-four semester hours above Grade II may be taken for credit toward graduation.

THE MAJOR

Of the thirty semester hours required in the major at least eighteen must be taken in the department of the major subject; at least eighteen must be above Grade II; at least twelve must be taken each year.

When a student decides upon her major in Sophomore year she comes under the direction of an adviser in that department and must obtain the approval of the adviser for her major program of study.

Full statements of major requirements follow the course offerings in each department.

The curriculum also includes Interdepartmental Majors which are described in full on pages following the departmental offerings.

No majors are offered in hygiene, physical education, or speech.

Students who choose a major in certain departments may spend the Junior year abroad as outlined below.

THE JUNIOR YEAR ABROAD

In spite of difficult and unsettled conditions it has been decided to undertake the Junior Years Abroad. Students in good standing and with sufficient language training may, if conditions permit, spend the Junior year in France, Geneva, Italy, or Mexico in groups directed by members of the Smith College Faculty. These students will usually be language majors except in Geneva, but those majoring in other fields and having proficiency in the necessary language may apply with the consent of the department of their major. Properly prepared students from other colleges may be admitted to the groups.

The Junior Years Abroad are planned to afford as rich an opportunity as possible to observe and study the countries visited. Art, music, and theater are available in the different cities and the Directors arrange occasional meetings for the groups with outstanding scholars, writers, and leaders. During the vacations students are free to travel to broaden their acquaintance with the country, although they may stay in residence if they prefer.

Applications, including permissions from parents, must be made by January 15 to the Dean of the Sophomore class. The size of the group and the selection of candidates will be determined by a Faculty committee for each group. It is expected that applicants will have met all the college requirements of the first two years and any special conditions set by the respective departments or committees. The physical condition of each student must be passed upon by the College Physician.

The Director of the group is granted by the College full control in matters of behavior and discipline, although the details of group procedure will be worked out with a student committee. The students are subject to social regulations similar to those that obtain in Smith College, but appropriate to the different countries. The supervision of the Director ends with the close of the college year in each country.

The fee covering tuition and board in 1947-48 will be \$1400; travel and incidental expenses will vary according to individual tastes and plans. A deposit of \$50 is payable by May 1 by students who have been provisionally accepted. It will be credited on the second semester bill and will not be refunded unless notice of withdrawal from the group is sent to the Class Deans' office before June 1. Payment for the first semester should be made by August 15 in the case of students going to France, Geneva, Mexico, and Italy, for the second semester by January 15. Checks should be sent to the Treasurer of Smith College, Northampton.

Neither the College nor the Director assumes or accepts any responsibility for personal injury to members or damage to or loss of property of members. Students are required to carry health and accident insurance which is available through a general college plan.

Junior Year in France

Arrangements will be made for students to live in Paris with carefully selected families or in a club such as Reid Hall. Full-time Junior programs consisting of

work in French literature, history, and art, and other aspects of French culture are planned by the Director. Courses will be given by professors from the Sorbonne and other institutions. The language requirement for admission to the group is usually two years of college French if the student has entered with three units.

Junior Year in Italy

The work of the year will begin with a month in Perugia where intensive study of the language is undertaken at the University for Foreigners and with the Director. After the first of October this study is continued in Florence. The middle of November the group starts work in classes conducted especially for Smith College by professors of the University of Florence. The subjects offered are Italian art, history, language and literature. In Perugia the students stay in a first-class hotel or pension; in Florence they live in private homes chosen by the Director. The minimum requirement for admission is normally two years of college Italian. By special action of the committee promising students with only one year of Italian may be accepted.

Junior Year in Mexico

October is spent in one of the smaller provincial cities, such as Puebla or Morelia. Students live with carefully selected families in order to learn the language and the customs of the country. About the first of November the group moves to Mexico City where it lives in an attractive house rented by the College. Classes are available in Spanish literature and composition, Mexican art, archaeology, and history, and various other aspects of Mexican and Latin-American culture. They are taught by professors from different colleges and the University of Mexico. A minimum of two years of college Spanish is the normal requirement for admission.

Junior Year in Geneva

The work in Geneva consists of international studies instead of the history and culture of a single country, and accordingly the group is composed primarily of majors in history, government, economics, and sociology. The courses are designed to permit the students, through work in the Graduate Institute of Higher International Studies and the University of Geneva, to study plans for world co-operation. Classes are available in diplomatic and contemporary history, international economics and finance, international law, and similar subjects. The courses are given in French. A candidate must have had at least one year of French in college if she has entered with three units. It is strongly urged that if possible an additional year of French be taken and that work in at least two fields of the social sciences be offered.

Junior Exchange with Toronto

Since 1945 an exchange of students in the Junior class with Juniors at the University of Toronto has proved to be highly successful. For a year the Smith Juniors live in the colleges of the University and carry on programs approved by their major advisers. Candidates from Smith must have demonstrated their ability to do work of Dean's List rating and have the approval of the chairman of their major department. Not more than eight exchanges will be arranged in any year. Regular Smith College fees, covering residence and tuition at the University of Toronto, will be paid to the Treasurer of Smith College by exchange students.

THE DEGREE WITH HONORS

PURPOSE. Honors work is designed to offer for properly qualified students certain advantages normally not possible in a regular five-course program. It permits more flexibility in the arrangement of individual programs, a greater measure of individual instruction, and an opportunity for integrating the work done. It is intended to give more freedom to those who wish it and at the same time to provide recognition for those who have demonstrated their ability to do work of high quality.

AWARD. The degree is awarded with Honors in three grades, *summa cum laude*, *magna cum laude*, and *cum laude*, based on (a) an independent piece of work which may involve the preparation of a long paper or the conduct of an investigation, (b) an estimate of the work in courses and units in the major field made by the department of the major, (c) three final examinations.

If a student fails to be awarded Honors she may be granted a degree without Honors if her work is of sufficient merit.

ADMISSION. A student having an average of B for the three semesters preceding her application is eligible for Honors. Other students will be admitted on the recommendation of the department of the major and with the approval of the Committee on Honors.

Subject to special requirements of individual departments students may enroll at the beginning of either semester of Junior year or at the beginning of Senior year. They may withdraw only upon recommendation of the department of the major and the approval of the Committee.

PRIVILEGES. An Honors candidate will have (a) the greatest possible elasticity in the arrangement of her program (with the permission of the director she may carry less than fifteen hours), (b) preference over other undergraduates when admission to units or seminars must be limited, and over other Honors candidates according to priority of candidacy, (c) exemption from all course examinations at the end of Senior year.

The specific requirements in each department will be found under the department offerings.

FOR THE CLASS OF 1951 AND LATER CLASSES**GENERAL REQUIREMENTS**

Freshmen are required to take English 11. The College requires of every Freshman a knowledge of the fundamentals of hygiene. This requirement may be met in one of several ways as described under the Department of Hygiene and Bacteriology.

Freshmen and Sophomores are required to take three periods of one hour each in physical education which do not count as credit hours.

All students will be required to pass a course in the literature of one foreign language, ancient or modern. They will normally be admitted to these courses on the basis of three units in the language or of twelve semester hours taken in college or in approved summer schools.

DISTRIBUTION REQUIREMENTS

In addition to the general requirements students must complete before the end of senior year the requirements in the different Divisions of the curriculum as listed.

The courses that may be taken for this purpose are given at the head of each department offering.

Division I. The Humanities

Group A. Literature: Biblical Literature, English, French, German, Greek, Italian, Latin, Slavic, Spanish

Group B. Fine Arts: Art, Music, Theatre

Group C. Philosophy, Religion

Division II. Social Sciences and History

Group D. History

Group E. Social Sciences: Economics, Government, Sociology

Division III. Natural Sciences and Mathematics

Group F. Physical Sciences and Mathematics: Astronomy, Chemistry, Geology, Mathematics, Physics

Group G. Biological Sciences: Bacteriology, Botany, Psychology, Zoology

Group A. Six semester hours in a departmental literature course in a language other than the one offered for fulfillment of the foreign language requirement, or in an interdepartmental literature course. Students who enter without any units in Latin or Greek must take one or more courses in the classics either in the original or in translation.

Groups B and C. Six semester hours, but students are urged to take six hours in each Group if possible.

Group D. Six semester hours.

Group E. Six semester hours in a departmental or interdepartmental introductory course.

Groups F and G. Twelve hours of which at least six must be in a laboratory course. The work must be so chosen that the student will have an entrance unit or a year course in each of these Groups.

In exceptional cases exemptions may be granted from the general requirements and from the distribution requirements.

RULES GOVERNING ELECTION OF COURSES

1. Each student is required to make herself familiar with all regulations governing the curriculum and to present her course card, properly filled out, at the time and place designated in the *Weekly Bulletin*. While all possible aid and direction are given by the Faculty Advisers, the Advisers of the Major, and the Class Deans, each student is held responsible for errors in her choice of studies.

2. Courses are arranged in five grades indicated by the first digit in the course number. Those of Grade I are primarily for Freshmen, those of Grade II for Sophomores. Courses of Grade III are for Juniors and Seniors, but are also open to Sophomores when a statement to that effect is included in the description. Grade IV courses are for Seniors, Honors students, or qualified Juniors. Grade V courses are for Graduate Students.

Under certain conditions as outlined in a, b, and c students must file a petition with the Administrative Board. This requires the recommendation of the chairman of the department and the instructor and the consent of the Administrative Board. A petition is also required if, in the description of the course, the words "by permission" are used alone. "By permission of the department" and "by permission of the instructor" are self-explanatory.

(a) Students who wish to enter a course for which they have not had the stated prerequisite must file a petition with the Administrative Board.

(b) Freshmen and Sophomores who wish to enter a course of a higher grade than is normally open to their class must file a petition with the Administrative Board. Exceptions in the languages and sciences are made for those students who have the stated requirements.

(c) Juniors not taking Honors work who wish to enter a course of Grade IV must have the permission of the department concerned.

(d) Seminars of Grade IV, limited to ten students, are open to Juniors and Seniors only by permission of the instructor. Students not candidates for Honors are permitted to take only one seminar in a semester.

(e) Grade V courses are open to Seniors only if they have a major or its equivalent in the department and if they have at least a B average in that major. Under these conditions they may be admitted by permission. They may not carry more than three hours of Grade V work a semester except in technical art and practical music unless they have special permission from the Administrative Board.

3. A student may not carry in any semester less than the required minimum of fifteen hours or more than two hours above the required minimum except with the permission of the Administrative Board.

Any shortage of hours permitted by the Administrative Board may be made up by a corresponding excess of hours distributed over succeeding semesters.

4. In each semester of the Freshman and Sophomore years the student must carry at least four three-hour courses.

5. Courses in which the examinations conflict (see schedule) may not be elected in the same semester.

6. No year course may be entered in the middle of the year except with the permission of the Administrative Board and the consent of the department concerned. When a year course is dropped, no credit for the first semester is allowed except with the recommendation of the instructor and the chairman of the department and the permission of the Administrative Board.

7. Changes in courses elected may be made only with the permission of the Administrative Board. After September 5 and after the first day of the second semester only circumstances beyond the control of the student will be considered grounds for changes of course.

(a) Requests for these changes must be filed in the Office of the Class Deans on official blanks to be obtained in that office.

(b) If changes on the course cards are made necessary by reason of carelessness on the part of the student a fee of two dollars is charged.

(c) No petition to drop hours of work carried above the minimum will be granted after November 15 for the first semester and after April 3 for the second semester.

8. No student is allowed to attend a class either as an occasional or a regular auditor except with the permission of the instructor in charge of the course.

DEAN'S LIST

A Dean's List is made up of students who in the previous year have gained an average of B or better.

COURSES OF STUDY

An "a" after the number of a course indicates that it is given in the first semester; a "b" that it is given in the second semester.

Where no letter follows the number of the course, the course runs through the year.

The number of hours of credit for a course is indicated in italics.

The numerals after the letters indicating days of the week show the scheduled hours of classes.

[] Courses in brackets will be omitted for the year.

() Numerals in parentheses following the number of a course indicate the former number.

† Hours for courses so marked are arranged after elections are made.

§ Laboratory work in courses so marked is arranged privately.

() Divisions in parentheses will be withdrawn if not needed.

Dem. indicates demonstration; Lab., laboratory; Lec., lecture; Rec., recitation; Sect., section.

Roman numerals in parentheses at the close of the description of a course indicate that it may be taken to fulfill the time requirement in Groups I, II, III, or IV. In courses in Group III "l" indicates laboratory, "n" nonlaboratory.

Explanation of marks before instructors' names: †Absent for the year; *absent for the first semester; **absent for the second semester; ||with the Juniors in France; ‡in Mexico; §in Geneva; |in Italy; ^appointed for the first semester; ^appointed for the second semester.

INTERDEPARTMENTAL COURSES

These courses are open to Freshmen only. They may be taken to fulfill the distribution requirement in their respective Groups.

Social Science 192. The Integrated Study of American Society. An introductory analysis of central ideas, beliefs, and institutions in relation to physical and human resources. Some of the methods and materials of political science, economics, and sociology will be employed. *Three hours each semester.* Lec. M 11; Rec. T W 11, 2. Mr Page (*Director*), Mr Taber. (Group E)

Physical Science 193. Molecules and Atoms. A correlation of the contributions of physics and chemistry to our knowledge of the nature of matter and energy. Three lectures and one discussion. *Three hours each semester.* Th F S 11 and one hour to be arranged. Mr McCue (*Director*), Mr Sherk. (Group F)

Physical Science 194. The Earth in Time and Space. The nature of the earth, its relation to the solar system and universe. The physical laws which govern the earth and its relations to the other astronomical bodies. Theories of the origin of the earth, solar system, and universe. Lecture, three hours; laboratory and demonstration, two hours. *Three hours each semester.* Lec. M T W 12; Lab. W 2-4, Th 9-11. Miss Olmsted (*Director*), Miss Williams, Mr Durham, Mr Scott. (Group F)

Biological Science 195. The Living World. Life as exhibited in the form, function, inheritance, and evolution of living organisms, with special emphasis on the relationship of man to the balance of nature. Lecture, two hours; discussion or demonstration, one hour; laboratory, two hours. *Three hours each semester.* Lec. Th F 9. Sect. A, M 9 T 9-11; Sect. B, M 2 T 2-4; Sect. C, Th 11 F 11-1; Sect. D, Th 2 F 2-4. Mr Driver and Miss Kemp (*Co-directors*), Miss Driscoll. (Group G)

[**General Literature 291.** A study of selected literary masterpieces (in translation) from Homer to the nineteenth century. *Three hours each semester.* (Group A)]

ART

PROFESSORS:

CLARENCE KENNEDY, PH.D.

OLIVER WATERMAN LARKIN, A.M., *Chairman*

†ALPHONS P. A. VORENKAMP, PH.D.

¹RENSSELAER WRIGHT LEE, PH.D.

EDGAR CRAIG SCHENCK, M.F.A. (Acting Director of the
Museum)

WILLIAM ALLAN NEILSON

RESEARCH PROFESSOR: EDGAR WIND, PH.D.

ASSOCIATE PROFESSORS:

KATE RIES KOCH, A.M., M.L.D.

KARL SCOTT PUTNAM, B.S. IN ARCH.

PRISCILLA PAYNE VAN DER POEL, A.M.

MERVIN JULES

RANDOLPH WARDELL JOHNSTON

H. GEORGE COHEN

PHYLLIS WILLIAMS LEHMANN, PH.D.

RUTH WEDGWOOD KENNEDY, A.B.

¹EUNICE WEAD, A.M.

ELEANOR DODGE BARTON, A.M.

MARTHA LEEB, A.B.

DEBORAH HAMBIDGE, B.F.A.

LECTURER:

VISITING LECTURER:

INSTRUCTORS:

The courses which may be taken to fulfill the distribution requirement in Group B are 11, 22, 23, 24, 28a, 28b, 29, 37, 13.

Students planning to major or to do Honors work in art will find that courses in literature, language, and history taken in the first two years will prove valuable.

A related course in history, literature, philosophy, or religion may, with the approval of the instructor, be substituted for the stated prerequisite in the following courses: 23, 24, 311a, 313, 321a, 322a.

A. Historical Courses

Each of the historical courses may include one or more trips to Boston, New York, or the vicinity for the study of original works of art.

[11. An Historical Introduction to Art. *Three hours each semester.* W Th F 3; discussion meeting, choice of T 12, 2, 3, W 11, 12, Th, F 10, 11, S 9, 10. Members of the Department. *Director,* Miss Barton. (II)]

[22. Art Appreciation. Mr Larkin assisted by members of the Department.]

23. The Art of the Italian Renaissance. Development of the arts in Italy from 1298 to 1594, with special emphasis on their interrelationships and on the emergence of a consistent theory of art. Lectures, problems, and field trips. Prerequisite, 11 or History 11. *Three hours each semester.* M T W 2. Mr and Mrs Kennedy. (II)

[24. Italian Painting. Prerequisite, 11, 22, or History 11. *Three hours each semester.* M T W 9. Mr and Mrs Kennedy.]

[28a, 28b. Art of the Low Countries. Painting from the fourteenth to the eighteenth century. Prerequisite, 11, 22, or History 11. *Three hours.* M T W 9. Mr Vorenkamp. (II)]

29. The Art of Greece and Rome from the prehistoric background to the late antecedents of Christian art; architecture, sculpture, painting, and the minor arts as conditioned by social, intellectual, and religious history. *Three hours each semester.* Th F S 11. Mrs Lehmann. (II)
- [31a. Greek Sculpture: its stylistic development in its religious and social setting. Prerequisite, 11, History 12, or a course in the Classics. *Three hours.* Th F S 11. Mrs Lehmann.]
- [31b. Greek and Roman Painting: ancient painting from the pre-Hellenic background to the end of pagan antiquity. Prerequisite, 11, History 12, or a course in the Classics. *Three hours.* Th F S 11. Mrs Lehmann.]
- [33a. History of Prints: their technique and aesthetic value. By permission of the instructor. *+Three hours.*]
- 35a. History of Landscape Architecture. A survey of landscape design, with emphasis on the social and political conditions affecting the various periods. *Three hours.* Th F S 10. Miss Koch.
- 36b. Civic Art. History of planning, including study of the development of cities from ancient to modern times and the physical development of communities. Principles of city and regional planning. *Three hours.* Th F S 10. Miss Koch.
37. Principles of Architecture, with special reference to its place in American life. *Three hours each semester.* Th 4-6 F 4. Mr Putnam.
- 39a. Decorative Styles. European and American thought and taste as expressed in interior design, furniture, textiles, and costume from the medieval period to the present. To alternate with 335a. *Three hours.* Th F S 10. Mrs Van der Poel.
- 310a. The History, Technique, and Art of Book Production, including the making and illumination of manuscripts, block printing, development of typography from the fifteenth century to modern fine printing, book illustration, and styles of binding. Two class hours. *Three hours.* T 2-4. Miss Wead.
- 311a. Medieval Art. Review of the principles of classic art, followed by a survey of its change into Byzantine art in the East and Romanesque and Gothic in the West; particular emphasis upon the architecture and sculpture of the great churches of England, France, and Italy. Prerequisite, 11, History 11, or by permission of the instructor; open to Sophomores by permission. *Three hours.* M T W 11. Mr Lee. (II)
- [313. Florentine Sculpture from Niccolo Pisano through Michelangelo. Prerequisite, 11, 22, or History 11. *Three hours each semester.* M 2-4 T 2. Mr and Mrs Kennedy.]
- [315. Painting of the Low Countries at the end of the Middle Ages and the beginning of the Renaissance. Prerequisite, 28a. To alternate with 319. *Three hours each semester.* M T W 12. Mr Vorenkamp.]
- 317a, 317b. In 1947-48, first semester, Donatello and his contemporaries, 1406-66. Mr Kennedy. Second semester, Titian and the Renaissance in Venice. Mrs Kennedy. *Three hours.* M 4 T 4-6.
- [319a (319). Painting of the Low Countries in the Renaissance and the Baroque. Prerequisite, 28b. To alternate with 315. *Three hours.* M T W 12. Mr Vorenkamp.]

- [320b. Spanish Painting from El Greco to Goya. Prerequisite, 11. *Three hours.* M T W 2.]
- [321a. Italian Baroque Art. Italian thought and taste of the seventeenth century as illustrated in architecture, sculpture, and painting. Prerequisite, 11, 22, or History 11. To alternate with 322a. *Three hours.* M T W 9. Mr Lee.]
- 322a. Baroque and Rococo Painting of the Seventeenth and Eighteenth Centuries in France and Spain. Prerequisite, 11, 22, or History 11. To alternate with 321a. *Three hours.* M T W 9. Mr Lee.
- [324b. Latin-American Art: a survey of the architecture, sculpture, and painting. Prerequisite, 11 or History 13 or 325a and b. *Three hours.* M 4 T 4-6.]
- 325a. The Arts in America from the colonial settlements through the years of the expanding republic; painting, sculpture, architecture, graphic art, and the crafts as an expression of thought and taste. For students who have passed 11 or are taking the Major in American Civilization. *Three hours.* M T W 12. Mr Larkin.
- 325b. The Arts in America from the Civil War to the present. For students who have passed 11 or are taking the Major in American Civilization. *Three hours.* M T W 12. Mr Larkin.
- 327b. Modern Art. Contemporary art and its backgrounds. Prerequisite, 11 or 22. *Three hours.* Th F S 10. Mrs Van der Poel.
- 329a. Modern Architecture. Materials, functions, and methods of design, with reference to economic, social, and cultural conditions since the industrial revolution, mainly in America. Prerequisite, 37. †*Three hours.* Mr Putnam.
- 41, 41a, 41b. Special Studies. For Seniors by permission of the Department; for Juniors by permission. †*One hour or more.*
- 50, 50a, 50b. Research and Thesis. *Three or six hours.*
- 51, 51a, 51b. Advanced Studies. †*One hour or more.*
- 53a (53). Art of the Netherlands and Germany. †*Three hours.* Mr Vorenkamp.
55. Art of the Italian Renaissance. †*Three hours each semester.* Mr and Mrs Kennedy.
- 57a, 57b. Modern Art. †*Three hours.*
- Greek 52. History of Greek Sculpture.**
- For further information about graduate work in art, application should be made to the chairman of the Department. Adviser of graduate study: Mrs Kennedy.
- B. Technical Courses**
13. Basic course in understanding the visual properties of color, light, form, space, line, texture, etc. through study of simple problems dealing with the nature of materials and their creative application. *Three hours each semester.* Dem. M 4; eight studio hours of which four must be T W 9-11, 11-1, 2-4, Th F 10-12. Mr Jules, Mr Cohen, Miss Hambidge. (II)
- Note.—A fee is charged for materials.**
210. Principles and Techniques of Organization applied to related drawing and painting projects from figure, portrait, still life, landscape, etc. Prerequisite, 13.

Three hours each semester. Nine studio hours of which six must be M T W 11-1.
Mr Cohen. (II)

212. Elementary Sculpture. Basic elements of sculptural design; modeling heads and figures from life, introduction to stone-carving and the modeling and firing of terra cottas. Prerequisite, 13. *Three hours each semester.* Nine studio hours of which six must be M T 3-6. Mr Johnston. (II)

331. Advanced Drawing and Painting. Individual creative expression, with emphasis on the techniques of pictorial organization. Prerequisite, 210, 212, or 335a or b. *Three hours each semester.* Nine studio hours of which six must be Th F 2-5. Mr Jules.

333. Advanced Sculpture. Figure composition; life and portrait modeling; bronze-casting; advanced work in stone and terra cotta. Prerequisite, 212. [†]*Three hours each semester.* Mr Johnston.

[335a. Applied Design. History, principles, and techniques of design applied to original work in the studio. Prerequisite, 13 or by permission of the instructor. To alternate with 39a. *Three hours.* Lec. Th 12; six studio hours of which one must be F 12. Mrs Van der Poel.]

[335b. Continuation of 335a. Principles of design applied to studio work in interior design, allover patterns, posters, advertising layout, illustration, and costume. Prerequisite, 13 or by permission of the instructor. *Three hours.* Lec. Th 12; six studio hours of which one must be F 12. Mrs Van der Poel.]

[336. Graphic Art. The making and printing of woodcuts and wood engravings. Prerequisite, 210, 212, or 335a or b. To alternate with 337. *Three hours each semester.* Nine studio hours of which four must be Th F 4-6. Mr Johnston.]

337. Graphic Art. The making and printing of lithographs. Prerequisite, 210, 212, or 335a or b. To alternate with 336. *Three hours each semester.* Nine studio hours of which four must be Th F 4-6. Mr Johnston.

339. Architectural Design. Studio practice in the solution of simple architectural problems. Studio periods; one trip, usually of two days, to New York or Boston. For students who have passed 13 or 341 and have passed or are taking 37. *Three hours each semester.* Th F S 9. Mr Putnam.

341. Landscape Architecture. Introduction to the principles of landscape design, with problems in organization of the landscape plan. For students who have passed or are taking 11, 22, 13, or Botany 27. *Three hours each semester.* M T W 9; drafting periods to be arranged. Miss Koch.

41, 41a, 41b. Special Studies. For Seniors by permission of the Department; for Juniors by permission. [†]*One hour or more.*

[43. Individual Expression in Drawing and Painting. Prerequisite, 331. *Three hours each semester.* Nine studio hours of which six must be W Th F 2-4. Mr Jules.]

59. Advanced Design. [†]*Three hours each semester.* Mr Larkin, Mrs Van der Poel.

510. Architecture. *Three hours each semester.* Th F S 10. Mr Putnam.

512. Landscape Architecture. [†]*Three hours each semester.* Miss Koch.

513. Drawing, Painting, or Sculpture. [†]*Three hours each semester.* Members of the Department.

THE MAJOR

Advisers: Mr Larkin, Mrs Kennedy, Mr Cohen, Miss Barton, Miss Leeb.

Based on 11 or 13. If the major is based on 13, 11 must be taken later, but may not be counted in the major.

Essential Courses: eighteen semester hours in art of which at least nine must be from Division A.

Optional Courses: other courses in art; Philosophy 33, 43b; closely related courses in a foreign language, literature, history, or music approved by the adviser.

Students who are interested in specializing in architecture and landscape architecture are referred to the Interdepartmental Major in these subjects.

Honors

Director: Miss Barton.

Prerequisites: 11 and 24 or 28a and b.

Program: an arrangement, approved by the director, of courses and special studies in art and related fields in preparation for general examinations.

Examinations: two written examinations of which the first will test a student's scholarship in specific fields of art history, with emphasis on bibliography, museum sources, etc.; the second will comprise an essay or essays. The third examination will be oral.

ASTRONOMY

ASSOCIATE PROFESSOR: MARJORIE WILLIAMS, PH.D., *Chairman*
(Director of the Observatory)

INSTRUCTORS: †JOCELYN RUTH GILL, S.M.
KATHERINE PRESCOTT TINKER, PH.D.

The courses which may be taken to fulfill the distribution requirement in Group F are 11, Physical Science 194.

Students planning to major or to do Honors work in astronomy are expected to complete Mathematics 12 or 13 in Freshman or Sophomore year and are therefore strongly urged to offer three units of mathematics for entrance. They are advised to take Astronomy 11 and Mathematics 12 or 13 in Freshman year and Mathematics 21 or 22a, elementary physics or chemistry, and German before Junior year. See also the statement for Honors.

The prerequisite for 22a, 23b, and 34 is 11 or 21.

Physical Science 194.

1. General Astronomy. Physical characteristics and motions of members of the solar system and the sidereal universe; observations of constellations, sun, moon, and planets. Recitation and discussion, two hours; daytime laboratory, one hour; evening laboratory and observing dependent on the skies, averaging three hours. *Three hours each semester.* Th F S 11. Miss Williams. (III I)

[22a. Observatory Practice. Training in the use of visual and photographic telescopes and other equipment. Observations of sunspots, lunar and planetary detail, occultations, variable stars, other telescopic objects. Collateral reading. Recitation and conference, three hours; observing and laboratory, four hours.

Three hours. Miss Williams. (III I)]

23b. Variable Stars: physical characteristics of the various types. Discussion of methods of observation and of obtaining periods and light curves. *†Three hours.* Miss Williams. (III n)

24b. Celestial Marine and Air Navigation. Theory and practice in the determination of position on the earth, primarily from observations of celestial bodies. Prerequisite, the first semester of Mathematics 12 or, by permission of the instructor, trigonometry presented for entrance. Recitation and discussion, two hours; observing and laboratory, three hours. *†Three hours.* Mrs Tinker. (III l)

26a. Descriptive Astronomy, designed to give a general knowledge of the field. Opportunity for learning the constellations and for using the telescopes. For students who have not taken 11 or 21 and have completed the Group III requirement. *Three hours.* Th F S 9. Mrs Tinker.

26b. Repetition of 26a.

27b. History of Astronomy. A survey of ancient and modern astronomical knowledge, development of modern ideas, instruments, and observations, present problems and methods of research, with readings in publications of the large research observatories. *†Three hours.* Miss Williams.

[31a. Spherical and Practical Astronomy. Theory and use of transit instrument for determination of time, latitude, and instrumental corrections. Prerequisites, 11 or 21, and Mathematics 12 or 13. Recitation and conference, two hours; observing and laboratory, four hours. *†Three hours.* Miss Williams.]

[31b. Spherical and Practical Astronomy. Theory and use of the equatorial telescope. Determination of positions by means of photographic plates and the filar micrometer. Least Squares. Prerequisite, 31a. Recitation and conference, two hours; observing and laboratory, two hours. *†Three hours.* Miss Williams.]

34. Astrophysics. Special problems concerning the light of sun and stars, stellar motions, statistical methods of handling observational material. *†Three hours each semester.* Mrs Tinker.

[35. Determination of Orbits. Methods of computing orbits of comets and planets. Theory and practice. Prerequisites, 11 or 21, and Mathematics 21 or 22a. *†Three hours each semester.* Miss Williams.]

41, 41a, 41b. Special Studies. For Juniors and Seniors by permission. *†One hour or more.*

50, 50a, 50b. Research and Thesis. *Three or six hours.*

51a, 51b. Special problems in astrophysics, practical astronomy, or celestial mechanics. *†Three hours or more.*

Adviser of graduate study: Miss Williams.

THE MAJOR

Adviser: Miss Williams.

Based on 11 or 21.

Essential Courses: 31a, 31b, 34; Mathematics 21 or 22a.

Optional Courses: other courses in astronomy except 22a and 24b; other courses in mathematics above Grade I; Economics 38; courses in physics, chemistry, or geology with the approval of the adviser.

Honors

Director: Miss Williams.

Prerequisites: 11 or 21; Physics 11 or its equivalent.

Program:

Essential Courses: 31a, 31b, 34; Mathematics 21 or 22a.

Optional: courses or units in astronomy, mathematics, or physics; in chemistry with the approval of the director.

Half of the work of first semester of Senior year will be spent on a paper in the field of astrophysics, or on a problem in the field of practical astronomy or celestial mechanics; one-fourth of the second semester will be spent in review for the examinations.

Examinations: two general examinations covering the fields of general astronomy, astrophysics, practical astronomy, physics, mathematics; one in the field of concentration, which may be a partly practical examination involving techniques and manipulation of instruments.

BOTANY

ASSOCIATE PROFESSORS: SARA BACHE-WIIG, PH.D.

MARGARET KEMP, PH.D., *Chairman*

KENNETH E. WRIGHT, PH.D.

SMITH COLLEGE GENETICS EXPERIMENT STATION

VISITING PROFESSOR: ALBERT FRANCIS BLAKESLEE, PH.D., SC.D., LL.D.

VISITING ASSOCIATE

PROFESSOR: SOPHIE SATIN, SC.D.

RESEARCH ASSOCIATE: AMOS GEER AVERY, M.S.

The courses which may be taken to fulfill the distribution requirement in Group G are 11, Biological Science 195.

Students planning to major in botany are advised to have a knowledge of general zoology or chemistry and a reading knowledge of German or French. See the Honors program for additional preparation required.

The prerequisite for 21a, 22b, 23b, 31a, 31b is 11 or permission of the instructor.

A. Science of Botany

Biological Science 195.

11. General Botany. Outline of the fundamental facts and methods of the science. This course deals primarily with the structure and physiology of the higher plants and of representative forms of the plant groups, including microscopical study of their cellular anatomy. Not open to students who have offered botany for entrance. Two lectures and two two-hour laboratory periods. *Three hours each semester.* Lec. T W 9. Lab. A, M T 11; Lab. B, Th F 9; Lab. C, Th F 2. Miss Bache-Wiig, Mr Wright (*Director*). (III 1)

[21a. Elementary Plant Physiology. Study of the fundamental plant functions, with training in experimental methods. One lecture and two two-and-one-half-hour laboratory periods. *Three hours.* Lec. W 2; Lab. Th F 2. Mr Wright. (III 1)]

22b. Field and Forest Botany. A study of ferns and flowering plants of the Northampton region. Principles of classification. Field trips in the spring,

with emphasis on plant associations of special habitats. One lecture and five hours of laboratory or field work. *Three hours.* Th F 2-5. Miss Bache-Wiig. (III 1)

[33b. Plant Breeding. The principles and problems of inheritance in plants and the methods by which man obtains new varieties. Two lectures and two two-hour laboratory periods. *Three hours.* Th F 2-5. Miss Kemp.]

[31a. Comparative Morphology of Lower Vascular Plants. The vegetative and reproductive structures and evolutionary development of living and extinct ferns and fern allies, preceded by a brief study of liverworts and mosses. One lecture and five hours of laboratory. *Three hours.* Lec. M 10; Lab. M 11 T W 10-12. Miss Kemp.]

31b. Comparative Morphology of Higher Vascular Plants. The vegetative and reproductive structures and evolutionary development of the Gymnosperms and Angiosperms. One lecture and five hours of laboratory. *Three hours.* Lec. M 10; Lab. M 11 T W 10-12. Miss Kemp.

32a. Laboratory Technique. A course to prepare students for advanced studies. The work will include instruction in preparation of material for microscopic study: namely, fixation, imbedding, cutting and staining of plant material for permanent mounts. Prerequisite, 11, 21a and 22b, or by permission of the instructor. Six hours of laboratory. *Three hours.* M T 2-5. Miss Bache-Wiig.

33b. Plant Geography. Climate and climatic formations of the world; problems of migration and barriers; distribution of species over the world, especially in relation to the geological record. Prerequisite, 11 or two semesters of Grade II in botany. Two lectures and one recitation. *Three hours.* M T W 12. Miss Bache-Wiig.

[34a. Mycology. The structure, life history, and habitat of representative species of the fungi, with emphasis on theories of origin and relationship. Prerequisite, 11 or Bacteriology 22. This course may serve as a prerequisite for Bacteriology 42b. One lecture and five hours of laboratory. *Three hours.* M T W 9-11. Miss Bache-Wiig.]

37b. Physiology of Growth. A study of growth phenomena, with particular emphasis upon the effects of various culture media, hormones, vitamins, and enzymes. Prerequisites, elementary physiology and a year of chemistry. Two lectures and two two-hour laboratory periods. *Three hours.* Th F S 10-12. Mr Wright.

Zoology 36. Genetics and Eugenics.

B. Horticulture and Planting Design

27. Horticulture. Theory and practice of plant cultivation and improvement, with a study of the species commonly cultivated and the preparation of gardens. Prerequisite, 11. Two lectures and two two-hour laboratory periods. *Three hours each semester.* Lec. Th F 10; Lab. Th F 11. Members of the Department (Miss Bache-Wiig, Director) assisted by Mr Campbell.

38a. Plant Materials. Study of trees, shrubs, and herbaceous plants, with emphasis on the identification of woody ornamental plants. Lectures, laboratory and field work. For students who have passed or are taking Art 341 or have passed a course in botany. *Three hours.* M T 2-5. Miss Koch.

38b. Planting Design. Study of trees, shrubs, and herbaceous plants in relation to their use in landscape design. Lectures, problems, trips. For students who have passed or are taking Art 341 or have passed a course in botany. *Three hours.* M T 2-5. Miss Koch.

Art 341. Landscape Architecture.

41, 41a, 41b. Special studies: work in morphology, anatomy, physiology, ecology, mycology, pathology. For Seniors by permission of the Department; for Juniors by permission. *†Two hours or more.*

50, 50a, 50b. Research and Thesis. *Three or six hours.*

51, 51a, 51b. Advanced studies in the fields of morphology, anatomy, physiology, mycology, arranged in consultation with the adviser of graduate work. *†One hour or more.* Miss Bache-Wiig, Miss Kemp, Mr Wright.

52a, 52b. Selected problems in a specific field of botany assigned for investigation, experimental work, and discussion. *†One hour or more.*

S53. Apprenticeship Summer Course in Plant Genetics. Students are offered the opportunity of learning research methods, techniques, and aims through assisting in the current research of the Genetics Experiment Station. For graduate students it is recommended that this course be elected in the summer preceding the first academic year of a program in this field. *†Three hours.* Mr Blakeslee, Miss Satin, Mr Avery.

54a, 54b. Seminar on problems and methods in modern plant genetics. *†One hour.* Mr Blakeslee, Miss Satin, Mr Avery.

55, 55a, 55b. Laboratory Practice in Cytogenetics. Preferably taken with 54a or b. *†Two hours.* Mr Blakeslee, Miss Satin.

NOTE.—A laboratory course in genetics at Amherst College under the direction of Mr Plough may be substituted for all or part of 55.

56a, 56b. Seminar on recent advances and current problems in botany. Selected topics for reading and individual reports. *†One hour.* Members of the Department.

Adviser of graduate study: Miss Kemp.

THE MAJOR

Adviser: Miss Bache-Wiig.

Based on 11 or 21a and 22b.

Essential Courses: twelve semester hours in botany above Grade II.

Optional Courses: other courses in botany above Grade I; courses in bacteriology, chemistry, geology, physics, and zoology; Art 341.

Honors

Director: Miss Bache-Wiig.

Prerequisites: 11, 22b; chemistry (one year in preparatory school or college).

Program: in Junior year, 21a if not already taken, 31a, 31b, 37b; six semester hours from 32a, 33b, 41a, 41b, or in a science other than botany with the approval of the director.

In Senior year, first semester, one-half of the time should be spent on an inves-

tigation and paper, one-fourth on individual work or a small advanced course in another field of botany, one-fourth on individual work or course work above Grade I in a science other than botany; second semester, one-fourth to one-half of the time should be spent in reading and review, the remainder of the time may be given to individual work or to a combination of individual and course work as in the first semester.

Examinations: a general examination covering major fields of botany; one in identification and interpretation of materials and in application of techniques; one in the special field of the candidate.

CHEMISTRY

PROFESSORS:	JESSIE YEREANCE CANN, PH.D., <i>Chairman</i>
	C. PAULINE BURT, PH.D., SC.D.
ASSOCIATE PROFESSOR:	KENNETH WAYNE SHERK, PH.D.
ASSISTANT PROFESSORS:	MILTON DAVID SOFFER, PH.D.
	GEORGE STONE DURHAM, PH.D.
INSTRUCTOR:	GEORGE BERNARD DIAMOND, M.ENG.
TEACHING FELLOWS:	KITTY LUS, B.A.
	ELIZABETH JANE ROCK, B.S.
	SYLVIA DE ANTONIS, B.S.
	ANN DONALDSON, B.S.
	FLORENCE LOUISE PALMER, B.S.
RESEARCH ASSOCIATE:	J. CHARLES CAVAGNOL, PH.D.
RESEARCH FELLOW:	ROBERTA A. STEWART, A.M.

The courses which may be taken to fulfill the distribution requirement in Group F are 11, 12, 21a, 21b, Physical Science 193, 194.

Students who offer chemistry for entrance may enter 21a instead of 12 with the permission of the Department. Application for this permission should be made at the time of election of courses.

Students who are planning to major in chemistry should elect 11 or 12 (or 21a and b) in Freshman year. They are expected to complete Mathematics 12 or 13 the first year and are therefore strongly advised to offer three units of mathematics for entrance. A year of differential and integral calculus is required as eligibility for professional standing as stipulated by the American Chemical Society. For additional preparation for Honors work see that program.

Physical Science 193.

Physical Science 194.

11. General Chemistry. Two lectures, one recitation, and one three-hour laboratory period. *Three hours each semester.* Lec. M T 11; Rec. W 10, 11; Lab. F 2. Mr Durham, Mr Diamond, Miss Lus. (III 1)
12. General Chemistry and Elementary Qualitative Analysis. Prerequisite, a preparatory course in chemistry. Not open to students who have taken 11. Two lectures, one recitation, and one three-hour laboratory period. *Three hours each semester.* Lec. M T 9; Rec. W 9, 11, 2; Lab. T, Th 2. Mr Soffer, Mr Diamond, Miss Rock. (III 1)
- 21a. Qualitative Analysis. Cation and anion analysis using semimicro technique. Prerequisite, 11. One lecture, one recitation, and two two-hour laboratory

- periods. *Three hours.* Lec. and rec. T W 9; Lab. T W 2. Mr Diamond, Miss Donaldson. (III 1)
- 21b. Quantitative Analysis. Prerequisite, 21a. One lecture, one recitation, and two two-hour laboratory periods. *Three hours.* Hours as in 21a. Mr Diamond, Miss Donaldson. (III 1)
23. Elementary Physical Chemistry and Quantitative Analysis. Prerequisite, 12 or, by permission of the Department, 11. One lecture, one recitation, and four hours of laboratory. *Three hours each semester.* Lec. and rec. Th F 12; Lab. M 2. Mr Durham, Miss De Antonis. (III 1)
31. Organic Chemistry. Prerequisite, 11 or 12 (or 21a and b); for Sophomores, 21a and b. Two lectures, one recitation, and one three-hour laboratory period. *Three hours each semester.* Lec. M T 12; Rec. W 12; Lab. M, T 2. Miss Burt, Miss Palmer. (III 1)
- 34a, 34b. Advanced Inorganic Chemistry. Prerequisite, 23 or 21b. Two lectures and one three-hour laboratory period. *Three hours.* Lec. Th F 9; Lab. M 2. Mr Sherk.
- 38a. Advanced Quantitative Analysis. Prerequisite, 21b or 23. One lecture and six hours of laboratory. *Three hours.* Lec. Th 2; Lab. Th 3-6 F 2-5. Mr Durham.
- 38b. Advanced Quantitative Analysis. Instrumental and other special methods of analysis. Prerequisite, 21b or 23. One lecture and six hours of laboratory. *Three hours.* Hours as in 38a. Mr Durham.
- 41, 41a, 41b. Special studies: problems not dealt with in other courses in chemistry. For Seniors by permission of the Department. *†Two hours or more.*
- 42a. Biochemistry. Prerequisite, 31. Two lectures and one three-hour laboratory period. *Three hours.* Lec. M T 10; Lab. Th 2. Miss Burt, Mr Soffer.
- 42b. Medicinal Chemistry. Chemistry of modern synthetic drugs and extrac-
tives. Prerequisite, 31. Two lectures and one three-hour laboratory period.
Three hours. Lec. M T 10; Lab. Th 2. Miss Burt, Mr Soffer.
43. Physical Chemistry. For students who have passed 21b or 23, and have
passed or are taking 31, Physics 11 or 21, and Mathematics 12. Lecture, discussion,
and one three-hour laboratory period. *Three hours each semester.* Lec. and
discussion M T 9; Lab. W 9. Miss Cann.
- 45a. Organic Qualitative Analysis. Prerequisite, 31. One lecture and two
three-hour laboratory periods. *Three hours.* Lec. Th 2; Lab. Th 3 F 2.
Mr Soffer.
- 45b. Advanced Organic Chemistry. Prerequisite, 31. One lecture and six hours
of laboratory. *Three hours.* Lab. Th F 2. Miss Burt.
- 46b. Electrical Measurements. For Seniors who are taking 43. Lecture, dis-
cussion, and one three-hour laboratory period. *†Three hours.* Miss Cann.

Graduate Courses

These courses are designed mainly for graduate students, but, with the proper prerequisites, are open to Seniors by permission. It is suggested that a student majoring in chemistry take at least one of these courses.

50, 50a, 50b. Research and Thesis. *Three or six hours.*

51a, 51b. Special Studies. (1) Advanced Organic Preparations; (2) Chemical Spectroscopy; (3) Contemporary Literature; (4) Heterocyclic Natural Products; (5) Theory of Solutions. *†One hour or more.*

53a or b. Advanced Inorganic Chemistry. Study of modern theories of atomic and molecular structure and their relation to physical and chemical properties. *†Three hours.* Mr Sherk.

54a or b. Electrochemistry. Lecture, discussion, and one three-hour laboratory period. *Three hours.* Lec. and discussion Th F 11; Lab. F 2. Miss Cann.

55a, 55b. Advanced Physical Chemistry: thermodynamics, kinetics. Prerequisites, 31 and 43 or their equivalents. *Three hours.* Lec. and discussion W 3 and Th F 9; Lab. F 9-12. Miss Cann.

56a or b. Instrumental Methods. A theoretical and practical study of the application of various optical and electrical instruments to the detection and estimation of substances and to the determination of their properties and structure. Lecture and laboratory. *†Three hours.* Mr Durham.

57b. Phase Rule. Prerequisites, 31 and 43 or their equivalents. *†Three hours.* Miss Cann.

58. Advanced Organic Chemistry. A systematic study of reactions and qualitative organic analysis. Two lectures and one three-hour laboratory period. *Three hours each semester.* Lec. Th F 12; Lab. F 2. Miss Burt, Mr Soffer.

59a or b. Carbocyclic Natural Products. The chemistry of terpenic and steroid substances, with particular emphasis upon methods of structural investigation and synthesis. Lectures and discussion. *†Three hours.* Mr Soffer.

Adviser of graduate study: Miss Cann.

THE MAJOR

Adviser: Miss Cann.

Based on 11 or 12.

Essential Courses: 21a and b (or 23 if preceded by 12 or 21a), 31, 34a, 43. Of the twelve to eighteen semester hours required in the major Senior year, at least twelve must be taken in the Department. Physics 11 or 21.

Optional Courses: other courses in chemistry above Grade I; Geology 24a; Bacteriology 22, 34; courses in mathematics and physics with the approval of the adviser.

Honors

Director: Miss Cann.

Prerequisites: 21a and b or 23, Mathematics 12 or 13, and Physics 21.

Program:

Essential Courses: 31, 34a and b, 43, and six hours chosen from 38a, 38b, 42a, 42b, 45a. Distribution recommended for Junior year: 31, 34a and b, and two additional courses; for Senior year: the other essential courses and additional work approved by the director.

Examinations: one in inorganic chemistry; one in organic chemistry and related subjects; one in analytical and physical chemistry.

CLASSICAL LANGUAGES AND LITERATURES

PROFESSORS: EMILY LEDYARD SHIELDS, PH.D.

ELEANOR SHIPLEY DUCKETT, PH.D., D.LIT.

F. WARREN WRIGHT, PH.D., *Chairman*

AGNES CARR VAUGHAN, PH.D.

INSTRUCTOR: MARY ANN TIBBETTS, PH.D.

GREEK

The courses which may be taken to fulfill the distribution requirement in Group A are 18a, 22a, 22b. However, if a student is considering a major in the Department 18a is not advised.

Three units in entrance Latin or the equivalent in school or college courses are required for admission to the major in Greek. It is desirable that candidates for the major who have not offered ancient history for entrance take History 12.

The prerequisite for courses of Grade III is 22b or permission of the instructor.

[General Literature 291.]

11. Elementary Course. Introduction to the language; reading from Xenophon's *Anabasis*. *Three hours each semester.* M T W 9. Miss Vaughan. (I)

11d. Elementary Course, covering the work of two years. Reading from Xenophon, Homer, Euripides, Plato. *†Six hours each semester.* Miss Tibbetts. (I)

12a. Homer: selections from *Iliad* and *Odyssey*. Prerequisite, two units in Greek or 11. *Three hours.* M T W 10. Miss Tibbetts. (I and II)

12b. Plato: *Apology* and *Crito*. Prerequisite, 12a. *Three hours.* M T W 10. Miss Vaughan. (I and II)

[13a. Homer: *Odyssey*, The Phaeacian Episode. Prerequisite, three units in Greek. *†Three hours.* (I and II)]

[16. Elementary Prose Composition. Prerequisite, two units in Greek, 11, or 11d. *†One hour each semester.* Miss Tibbetts. (I)]

18a. Masterpieces of Greek Literature in Translation. *Three hours.* M T W 11. Miss Vaughan. (II)

22a. Introduction to the Drama. Euripides: *Medea*; Sophocles: *Oedipus Tyrannus*. Prerequisite, 11d or 12b. *Three hours.* M T W 12. Miss Vaughan. (II)

22b. Continuation of 22a. Aeschylus: *Prometheus Bound*; Sophocles: *Antigone*. Prerequisite, 22a or its equivalent. *†Three hours.* Miss Shields. (II)

[31a. Greek Historians. *†Three hours.*]

32b. Aristophanes: *Frogs*; Aeschylus: *Agamemnon*. *†Three hours.* Miss Vaughan.

[33a. Plato: *Republic*. *†Three hours.* Miss Tibbetts.]

34b. Selections from Lyric and Pastoral Poets. *†Three hours.* Miss Vaughan.

41, 41a, 41b. Special Studies. For Seniors by permission of the Department; for Juniors by permission. *†One hour or more.*

Religion 25a. Greek New Testament.

50, 50a, 50b. Research and Thesis. *Three or six hours.*

51a, 51b. Advanced studies in Greek literature and archaeology, arranged on consultation. †One hour or more.

[52. History of Greek Sculpture. Open to Seniors who have passed Art 11 or a general course in archaeology. †Two hours each semester.]

Adviser of graduate study: Mr Wright.

THE MAJOR

Adviser: Miss Vaughan.

Based on 12a and b.

Essential Courses: 16 and twelve semester hours of reading in Greek, including 31a or 33a, and 32b or 34b.

Optional Courses: other courses in Greek above Grade I; courses in Latin above Grade I except 28; allied courses in other departments.

LATIN

The courses which may be taken to fulfill the distribution requirement in Group A are 14a, 14b, 18b, 28. However, if a student is considering a major in the Department 18b and 28 are not advised.

Students planning to major in Latin are advised to take at least one course in Greek and a course in ancient history. Latin 16 and 21a and 22b or 27 are recommended.

[General Literature 291.]

[11d. Elementary Course, covering the work of two years. Readings from Latin prose and poetry. †Six hours each semester. Miss Duckett. (I)]

12a (11a). Vergil: selections from *Aeneid* I-VI. Prerequisite, two units in Latin or three units including Cicero. Three hours. M T W 11. Miss Shields. (I and II)

12b (11b). Vergil: selections from *Aeneid* VII-XII. Prerequisite, 12a, 13a, or by permission of the Department. Three hours. M T W 11. Miss Tibbetts. (I and II)

13a (12a). Selections from Cicero. Prerequisite, two units in Latin or three units including Vergil. †Three hours. Miss Tibbetts. (I and II)

14a (13a). Selections from Republican Prose and Poetry. Prerequisite, four units in Latin. Three hours. Th F S 9. Mr Wright. (I and II)

14b (13b). Selections from Latin Poetry. Catullus; Vergil: *Elegies*; Horace: *Odes* and *Epodes*. Prerequisite, four units in Latin or, by permission of the instructor, 12a or 13a. Three hours. Th F S 9. Miss Shields. (I and II)

16. Elementary Prose Composition. Prerequisite, four units in Latin or by permission of the instructor. †One hour each semester. Miss Duckett. (I)

18b. Masterpieces of Latin Literature in Translation. Three hours. M T W 11. Mr Wright. (II)

[21a. Roman Drama: Plautus, Terence, Seneca. Prerequisite, 14b. Three hours. Th F S 11. Miss Tibbetts. (II)]

22b. Roman Elegy: Catullus, Tibullus, Propertius, Ovid. Prerequisite, 14b. Three hours. Th F S 11. Mr Wright. (II)

- [23a. Medieval Latin Literature. Prerequisite, 14b or, by permission of the instructor, 12b. \dagger *Three hours.* Miss Duckett. (II)]
- [26a, 26b. Intermediate Prose Composition. Prerequisite for 26a, 16; for 26b, 26a. \dagger *One hour.* Miss Duckett.]
27. Classical Latin Literature. Readings in the original from representative authors. Prerequisite, 14b. \dagger *Three hours.* Miss Duckett. (II)
28. Latin Background of English Literature. Not open to students who have taken 18b. *Three hours each semester.* M T W 9. Miss Duckett. (II)
- [31a. Roman Satire: Horace, Juvenal, Persius. Prerequisite, 14b or 22b. *Three hours.* M T W 9. Miss Shields.]
- 32b. Tacitus: *Annals* and *History*. Prerequisite, 14b or 22b. *Three hours.* M T W 12. Miss Tibbetts.
- [33a. Rapid Reading of Roman Comedy. Prerequisite, 21a. \dagger *Three hours.* Mr Wright.]
- 34b. Roman Philosophy. Prerequisite, 14b or by permission of the instructor. \dagger *Three hours.* Miss Shields.
- 41, 41a, 41b. Special Studies. For Seniors by permission of the Department; for Juniors by permission. \dagger *One hour or more.*
- 42a. Lucretius: *De Rerum Natura*. Prerequisite, ten semester hours of Latin or by permission of the instructor. \dagger *Three hours.* Mr Wright.
- 43b. Vergil: *Georgics*; Horace: *Epistles*. Prerequisite, ten semester hours of Latin or by permission of the instructor. \dagger *Three hours.* Miss Duckett.
- 50, 50a, 50b. Research and Thesis. *Three or six hours.*
- 51a, 51b. Advanced studies in Latin literature and archaeology arranged on consultation. \dagger *One hour or more.*
- Adviser of graduate study: Mr Wright.

THE MAJOR

Advisers: Miss Duckett, Mr Wright.

Based on 14a and b, or, by permission of the Department, on 12b.

Essential Courses: 31a, 32b, 42a, 43b, 26a and b, unless they have already been taken, and four semester hours of other Latin courses above Grade I except 28.

Optional Courses: any other courses in Latin above Grade I except 28; courses in Greek except 18a; allied courses in other departments.

THE MAJOR IN CLASSICS

Advisers: Miss Duckett, Miss Vaughan.

Based on Greek 11 and Latin 14a and b (or, by permission of the adviser, Latin 12b).

Essential Courses: eighteen semester hours chosen from Greek 22a and b, 31a, 32b, 33a, 34b, Latin 31a, 32b, 42a, 43b; four semester hours chosen from Greek 16, Latin 16, 26a and b.

Optional Courses: see under the Greek and Latin majors.

Honors

Director: Miss Shields.

Prerequisites: Greek 11; Latin 14a and b or, by permission of the director, 12b.

Program: four hours chosen from Greek 16, Latin 16 (or 26a and b); six hours for the preparation of a long paper; the subject matter of Greek 22a and b, Latin 31a, 32b, and Greek 31a and 32b or 33a and 34b or Latin 42a and 43b. The program must include at least three units.

Examinations: one will test the candidate's ability to read Greek and Latin; one her general knowledge of Greek and Roman literature with the historical and archaeological background; and one her mastery of a field of concentration.

Units

The Department will offer units in the fields of classical literature, art, and antiquities for Honors students in classics or in other departments.

COMPARATIVE LITERATURE

[31. The Epic. Lectures on the most famous epics from Homer to Milton, including Homer, Vergil, *Beowulf*, *Chanson de Roland*, *Poema del Cid*, *Nibelungenlied*, *Divine Comedy*, Tasso, Milton, the Slavic epics. Three hours each semester. Th F 4 and a third hour to be arranged. Miss Rooke (Director) and other members of the Faculty.]

ECONOMICS

PROFESSORS:

ESTHER LOWENTHAL, PH.D.

WILLIAM AYLOTT ORTON, M.A., D.SC. (ECON.), LL.D.,
Chairman

DOROTHY CAROLIN BACON, PH.D.

**DOROTHY WOLFF DOUGLAS, PH.D.

VISITING PROFESSOR:

STANLEY CURTIS ROSS, A.B., LL.D.

ASSOCIATE PROFESSOR:

EDWARD F. WILLETT, PH.D.

INSTRUCTORS:

EDGAR FRANCIS TABER, JR., A.M.

MARTHA VAN HOESEN TABER, A.M.

The courses which may be taken to fulfill the distribution requirement in Group E are 21, 32, 319a, 319b, Social Science 192.

21 is the prerequisite for 31a and b, 33a and b, 35, and 315.

Social Science 192.

21. Outlines of Economics. Survey of economic principles and such topics as trusts, railway rates, trade-unions, the tariff, and money. Open to Freshmen by permission. Three hours each semester. Lec. M T 9; Rec. T 2, 3, W 9, 2. Lec. Th F S 10. Miss Lowenthal, Mr Orton, Mr Ross, Mr and Mrs Taber. (IV)

31a. Economic Control. History and theory of the relation of government to economic activity in England and the United States. To alternate with 33a. Three hours. M T W 10. Miss Lowenthal.

31b. Elements of Public Finance. Governmental revenues and expenditures, with special emphasis upon modern forms of taxation. To alternate with 33b. Three hours. M T W 10. Miss Lowenthal and Mrs Taber.

32. Labor Problems and the Labor Movement. Labor history, trade-unionism, women and child workers, personnel management, labor legislation. Also for Sophomores who have passed 21. *Three hours each semester.* M T W 12. Mrs Douglas (1st sem.), Mr Taber (2d sem.). (IV)

[33a. History of Economic Theory, 1776-1875. Adam Smith through Karl Marx. To alternate with 31a. *Three hours.* M T W 10. Miss Lowenthal.]

[33b. History of Economic Theory from 1875. Changes in economic thought since John Stuart Mill. To alternate with 31b. *Three hours.* M T W 10. Miss Lowenthal.]

34a. Accounting. The theory of debits and credits. The organization and use of accounting records, the construction and interpretation of balance sheets and of statements of revenue and expense, and selected special topics. Two lectures and one two-hour laboratory period. *Three hours.* M T 9. Mr Willett.

35. Money and Banking. Monetary theory, American and foreign banking, foreign exchange, problems of prosperity and depression. *Three hours each semester.* Th F S 9. Miss Bacon.

36a. Public Administration: Administrative Organization. Role of an expert civil service, techniques of administrative action and responsibility. Case studies in budgetary procedures and in the relation of government to the economy. *Three hours.* Th F S 9. Mr Ross.

38. Statistical Methods. Tabulation, graphic representation, averages, measures of dispersion, correlation, index numbers, and the treatment of time series. This course should normally be elected Senior year. *Three hours each semester.* Lec. Th F 2; four laboratory hours chosen from T 2-6, Th, F 3-6. Miss Bacon, Mr Taber.

NOTE.—Credit will be given for the first semester if it is followed in the same year by Sociology 43b.

311b. Government and Business. The trust problem in American industry. Types of governmental regulation. Prerequisite, 21 or by permission of the instructor. *Three hours.* M T W 9. Mr Willett.

312. Corporations: their organization, accounting, financial policies, and public control. *Three hours each semester.* Th F S 11. Mr Ross.

313. International Trade and Finance. Prerequisite, 21 or by permission of the instructor. *Three hours each semester.* M T W 11. Mr Willett.

314a. Personal Finance. Topics studied include inflation, tax forms, insurance, annuities, installment buying, home ownership, and investment. *Three hours.* Lec. M T 2; Rec. W 9, 10, 2. Mr Willett.

315. International Economics since 1918, with special reference to the effects of the postwar settlements and the economic factors of the war of 1939. *Three hours each semester.* Th F S 12. Mr Orton.

317b. Economics of Agriculture. Theory of land values, American agricultural development, agricultural-industrial relationships, government and the farmer. *Three hours.* W Th F 3. Mr Ross.

319a. Theories and Movements for Social Reorganization: economic and social structure of the U.S.S.R. Also for Sophomores who have passed 21. *Three hours.* M T W 11. Mrs Douglas. (IV)

41, 41a, 41b. Special Studies. For Seniors by permission of the Department; for Juniors by permission. *†One hour or more.*

42b (42a). Seminar in Theories of Wages. Relation of contemporary wage theory to recent governmental labor policies and employer and labor organization. By permission of the instructor. *†Three hours.* Mr Taber.

43b. Seminar in Investment Policies. By permission of the instructor for students who have passed or are taking 35 or 312. *†Three hours.* Mr Willett.

46b. Modern Banking and Monetary Problems. For Seniors who have passed 35 or by permission of the instructor. *†Three hours.* Miss Bacon.

47b. Interdepartmental Seminar in Economics, Government, and Sociology: for 1947-48, Problems of Modern Colonialism. By permission of the director, Mrs Marsh. *†Three hours.* Miss Holden, Mr Orton.

History 29. American Economic History.

50, 50a, 50b. Research and Thesis. *Three or six hours.*

51, 51a, 51b. Advanced Studies. *†One hour or more.*

[**52a.** Ricardo and Some of His Contemporaries. *†Three hours.* Miss Lowenthal.]

[**52b.** Transformation of Classical Economics after J. S. Mill. *†Three hours.* Miss Lowenthal.]

53. Currency, Credit, and the Trade Cycle. *†Three hours each semester.* Miss Bacon.

54a or b. International Economic Organization. International combines and cartels; economic aspects of intergovernmental arrangements. *†Three hours.* Mr Orton.

[**55a.** Corporations: organization and finance. *†Three hours.* Mr Willett.]

[**56a.** Social Security: theory and current practice in various countries. *†Three hours.* Mrs Douglas.]

56b. Organized Labor and the Law. Legal status of labor in the United States and foreign countries. *†Three hours.* Mrs Douglas.

Adviser of graduate study: Mrs Douglas.

THE MAJOR

Advisers: members of the Department.

Based on 21.

Essential Courses: eighteen semester hours above Grade II in economics except 314a.

Optional Courses: to be arranged with the approval of the adviser.

Honors

Director: Miss Bacon.

Prerequisite: a grade of B in Economics 21.

Program: all students must take 33a and b.

In Senior year one-fourth or one-half of the work of first semester must be spent on the preparation of a paper on an approved topic, involving independent work; in second semester one-fourth of the work will be spent on review.

Examinations: one in general theory and historical background; one in the student's field of concentration; one an essay or problem.

Units

(Six hours each)

Studies in Applied Economics. *Second semester*, Mr Orton.Topics in Money and Banking. *Second semester*, Miss Bacon.Statistical Methods. *First semester*, Miss Bacon.Corporation Finance and Investments. *First semester* (alternate years), Mr Willett.

EDUCATION AND CHILD STUDY

PROFESSORS:	**SETH WAKEMAN, PH.D. †RICHARD BOYD BALLOU, ED.D., <i>Chairman</i>
ASSOCIATE PROFESSORS:	MARY A. WAGNER, M.A., Director of the Elisabeth Morrow Morgan Nursery School ANNELIES ARGELANDER ROSE, PH.D.
	CLIFFORD RICHARDSON BRAGDON, A.M., ED.M., <i>Acting Chairman</i>
ASSISTANT PROFESSOR:	HELEN EVANGELINE REES, ED.D., Director of the Smith College Day School
LECTURERS:	RONALD JEREMIAH DARBY, ED.M. HERBERT ARNOLD CLARK, ED.M. MINNIE MARION STINSON, B.S. IN ED.
ACTING DIRECTOR OF EDUCATIONAL CLINIC:	DOROTHY S. CARLE, B.S. IN ED.
INSTRUCTORS:	LORRAINE WINEOW BENNER, A.M. HARRIET WARNER, A.M.
ASSISTANT:	VIRGINIA HELEN JOHNSTON, A.B.

The following courses are recommended to students planning to major in education and child study: History 11, Philosophy 11, Psychology 11 or 12, Sociology 26, Zoology 12.

An opportunity for educational guidance including improvement in reading and study skills is offered to Freshmen and a limited number of other students. One period each week, hours to be arranged. No credit.

Students who desire to comply with the varying requirements of different states for teachers' certificates are urged to consult Mr Wakeman or Mr Bragdon as early as possible during their college course. A five-year program leading to the degree of Master of Education fulfills the requirements now made by certain states.

21a. Introduction to Education. Historical and philosophical background of modern educational problems. *Three hours*. Lec. M T 2; Rec. W 12, 2. Mr Bragdon. (IV)

22a. Educational Psychology. A study of biological, psychological, and social factors in mental development, with special reference to problems in learning. *Three hours*. M T W 12. Mr Wakeman. (IV)

[22b. A repetition of 22a. M T W 2. (IV)]

24a. Child Psychology. Mental development of the child from birth to puberty. Prerequisite, Psychology 11 or 12. *Three hours*. Lec. Th F 11; Rec. F 12, 2, S 11. Mrs Rose.

24b. Psychology of Adolescence. Mental development of the adolescent from puberty to maturity. Prerequisite, Psychology 11 or 12, Education 22a or b, or

by permission of the instructor. *Three hours.* Lec. Th F 11; Rec. F 12, 2, S 11. Mrs Rose.

26b. Foundations of Secondary Education. Characteristics of the secondary school pupil; present status, purpose, and organization of secondary schools; curriculum. Prerequisite, 21a or by permission of the instructor. *Three hours.* M T W 2. Mr Clark. (IV)

31a. The Child in Modern Society. Place of the young child in society; social and educational agencies concerned with child welfare; mental hygiene of early childhood. Directed observations. *Three hours.* Th F 3 and one observation period. Miss Benner.

34b. Child Study. Growth, development, and guidance of the young child. Systematic observation and study of preschool children. Prerequisite, 24a, 22a or b, or by permission of the instructor. *Three hours.* Th F 3 with arranged observation period. Miss Benner.

35a (35). Elementary School Child. Growth and development of the child in the elementary school; study of curriculum and modern practices. Prerequisite, 21a, 22a or b, 24a, or by permission of the instructor. Two class hours and observation. *Three hours.* M T W 9. Mr Bragdon.

36b. American Education. Evolution of American educational thought and institutions; development of American education related to the growth of the nation. Also for Sophomores who have passed 21a. *Three hours.* M T W 9. Mr Clark. (IV)

37a. Comparative Education. Influence of national attitudes in education. The educational situation in France, Germany, Italy, Soviet Russia, and the Orient, with special attention to the problems of reconstruction. *Three hours.* M T W 3. Mr Wakeman.

38b. Youth and Social Change. Socio-economic changes affecting modern youth; youth movements and organizations; education in a changing society. *Three hours.* M T W 3. Mr Bragdon.

39a. Educational Measurements. Study of measures designed to improve instruction and assist pupil adjustment in school. Practice in construction, administration, and interpretation of tests. *Three hours.* Th F 2. Mr Clark.

310a. Music Education. Methods and materials of music education in the pre-school and primary grades. For majors in child development or by permission of the instructor. *Three hours.* M T 2 and one hour to be arranged. Mrs Scatchard.

41, 41a, 41b. Special Studies. By permission of the Department. [†]*One hour or more.*

[42b. Advanced Educational Psychology. Selected problems, reports, and discussion. Prerequisites, 22a or b, one course in psychology, and permission of the instructor. [†]*Three hours.* Mr Wakeman.]

43. Preschool Education. Theory and practice in the modern nursery school and kindergarten. Two class hours and two periods of participation. Required trip. Prerequisites, 34b and permission of the instructor. *Three hours each semester.* Th 4. Miss Wagner, Miss Warner.

- 44b.** Seminar in Child Psychology. Selected problems, reports, and discussion. Prerequisites, 24a and permission of the instructor. *†Three hours.* Mrs Rose.
- 45.** Elementary Education. Theory and practice in the elementary school. Two class hours and two periods of participation in elementary schools. Prerequisites, 35a and permission of the instructor. *Three hours each semester.* Th 4. Miss Rees.
- 46.** Secondary Education. Methods and practices in secondary schools; an intensive study of the teaching of one of the subjects in the curriculum. Observation and directed practice. Required trip. Prerequisite, 26b or by permission of the instructor. *Three hours each semester.* Th F 3 and one period of observation and practice. Mr Bragdon, Mr Darby, Miss Stinson.
- [**49b.** Special Disabilities. Theory and practice in diagnostic and remedial techniques, with emphasis on reading. Prerequisite, 39a, Psychology 38a, or by permission of the instructor. Two class hours, one laboratory period. *†Three hours.]*
- [**410b** (32b, 58b). Experimental Educational Psychology. Prerequisite, 22a or b, 24a, or by permission of the instructor. One period for discussion and reports, two laboratory periods. *†Three hours.]*

French 37a. Teachers' Course.

Music 320. Elementary School Music.

Music 46. Advanced School Music.

Spanish 32a. Teachers' Course.

Speech 48. Teachers' Course.

Graduate Courses

50, 50a, 50b. Research and Thesis. *Three or six hours.*

51, 51a, 51b. Advanced Studies: special problems in education. *†One hour or more.*

52, 52a, 52b. Problems of American Education. Required of all candidates for the Master's degree in education. *Three hours.* M 4. Mr Wakeman (1st sem.), Mr Bragdon, Mr Clark, and members of the Department (2d sem.).

53b (53). Preschool and Parent Education. *†Three hours.* Miss Wagner.

54b (54). Elementary Education. *†Three hours.* Miss Rees.

55a. Problems in Secondary Education. *†Three hours.* Mr Clark.

[**56b.** Higher Education: history and present status in the United States. *†Three hours.* Mr Wakeman.]

59, 59a, 59b. Practice Teaching under the supervision of members of the Department. For qualified graduate students by permission of the Department. *†One hour or more.*

510a. Child Development. *†Three hours.* Miss Wagner and Miss Rees.

Adviser of graduate study: Mr Wakeman.

THE MAJORS

A. Education

Adviser: Mr Bragdon.

Based on 21a and 26b or 36b; 21a and 22a or b; or 24a or b and 22a or b.

essential Courses: eighteen semester hours in education.

optional Courses: other courses appropriately related to the subject of the major.

B. Child Development

advisers: Mr Wakeman, Miss Wagner, Mr Bragdon, Miss Rees.

based on Psychology 11 or 12 and Education 22a or 24a (Psychology 24a).

essential Courses: 24a (if not taken Sophomore year), 34b, 35a, 43 or 45.

optional Courses: other courses in education, and courses appropriately related and approved by the adviser.

Honors

director: Mr Bragdon.

prerequisites: courses listed as bases for the majors.

rogram and Examinations: detailed plans of study may be had on consultation with the director.

ENGLISH LANGUAGE AND LITERATURE

PROFESSORS:

HERBERT DAVIS, M.A., LL.D.

†HOWARD ROLLIN PATCH, PH.D., LITT.D.

PAUL ROBERT LIEDER, PH.D.

ROBERT WITHERINGTON, PH.D., OFFICIER DE L'INSTRUCTION PUBLIQUE

ESTHER CLOUDMAN DUNN, PH.D.

MARY ELLEN CHASE, PH.D., LITT.D., L.H.D.

NEWTON ARVIN, A.B.

CHARLES JARVIS HILL, PH.D.

SAMUEL ATKINS ELIOT, JR., A.B.

ELIZABETH DREW, B.A.

KATHERINE GEE HORNBEAK, PH.D.

ALFRED YOUNG FISHER, DOCTEUR DE L'UNIVERSITÉ DE DIJON

HELEN WHITCOMB RANDALL, PH.D., *Chairman*

EDNA REES WILLIAMS, PH.D.

ELEANOR TERRY LINCOLN, PH.D.

ROBERT GORHAM DAVIS, A.M.

†DANIEL AARON, PH.D.

ROBESON BAILEY, A.B.

†GRETCHEN LUDKE FINNEY, M.A.

JOAN GRIFFITHS, A.M.

NATALIE DELAPLAINE STARR, M.A.

FREDERIC E. PAMP, JR., A.M.

EDWARD TEED WILCOX, A.B.

JANE IRENE ZIELONKO, A.M.

HELEN WOLFE SONTHOFF, A.B.

MAUD ECKERT WILCOX, A.M.

VISITING PROFESSOR:

ASSOCIATE PROFESSORS:

ASSISTANT PROFESSOR:

INSTRUCTORS:

The courses which may be taken to fulfill the distribution requirement in Group are 21, 329.

Students who are planning to major in English and have entered with less than three units of Latin or Greek or a combination of the two, will be required to

take Latin 12a, Greek 11, 12a, or six hours of the classics in translation: Greek 18a, Latin 18b, 28. They are urged to take at least one course each in history and philosophy.

Required Course

11. Freshman English. Practice in expository and critical writing in connection with the study of selected literary forms. *†Three hours each semester.* Members of the Department. *Director,* Mr Arvin.

A. Language and Literature

[General Literature 291.]

- 14a. The Informal Essay. Florio's Montaigne to Goldsmith. *Three hours.* M T W 11. Mr Withington. (II)

- 14b. The Informal Essay of the Nineteenth Century. *Three hours.* M T W 11. Mr Withington. (II)

21. Main Currents in English Literature to 1800. Emphasis is given to the contributions of major figures. *Three hours each semester.* Lec. M 10; section meetings T W 10, Th F 10. Miss Hornbeak assisted by members of the Department. (II)

23. Forms of the Drama. Survey of the principal forms, European and Asiatic, with special attention to the different kinds of theater and to the greatest plays and playwrights from Aeschylus to Hebbel. *Three hours each semester.* W Th F 3. Mr Eliot. (II)

- [25. Literature of the Middle Ages. Characteristic ideas in English and Continental literature. Reading based on translations. *Three hours each semester.* M T W 9. Mr Patch.]

- 28a. Seventeenth-Century Poetry from Donne to Dryden. *Three hours.* Th F S 9. Miss Lincoln. (II)

- 28b. Seventeenth-Century Prose. Essays, allegories, plays, character sketches, from Bacon to Congreve. *Three hours.* Th F S 9. Miss Lincoln. (II)

211. Nineteenth-Century Literature. *Three hours each semester.* Th F S 10. Miss Randall. (II)

30. Old English. Reading in prose and poetry of the period. *†Three hours each semester.* Miss Williams.

31. Chaucer. *Three hours each semester.* M T W 10. Miss Williams.

- [32 (34). The History of the English Language. *Three hours each semester.* Th F S 9. Miss Williams.]

- 34 (27b). The Renaissance. Ideas of the period as reflected in its literature (exclusive of the drama). *Three hours each semester.* Th F S 11. Miss Dunn.

- 35a. Drama in England before 1560. Open to Sophomores by permission of the instructor. *Three hours.* M T W 9. Mr Withington. (II)

- 35b. English Drama from 1560 to 1642. Tudor and Stuart dramatic literature from the accession of Elizabeth to the closing of the theaters. This course includes an examination of Shakespeare's plays in relation to his predecessors.

contemporaries, and successors. Open to Sophomores by permission of the instructor. *Three hours.* M T W 9. Mr Withington. (II)

[36 (36a). Shakespeare. A study of Shakespeare's dramatic development against the background of Elizabethan ideas, social, critical, and theatrical. Not open to students who have taken 37 with which this course alternates. *Three hours each semester.* Th F S 12. Miss Dunn.]

37. Shakespeare. The dramatic and poetic art of Shakespeare. For students majoring in English. Not open to students who have taken 36 with which this course alternates. *Three hours each semester.* M T W 12. Mr Hill.

38. The King James Version of the Bible. Influence of its content and style on other English literature. For students majoring in English. *Three hours each semester.* M T W 3. Miss Chase.

39b. Milton. *Three hours.* Th 4-6. Miss Lincoln.

310. Eighteenth-Century Literature. *Three hours each semester.* M T W 11. Miss Hornbeak.

311. Drama from 1660 to the Present. *Three hours each semester.* Th F S 10. Mr Lieder.

312a. Drama in the Last Hundred Years: Russian drama, French drama of 1845-90, Strindberg, German drama of 1890-1925, and Shaw. No plays read in 311 will be read in this course. *Three hours.* Th 4-6 F 4-5. Mr Eliot.

312b. Drama in Asia: India, the Indo-Chinese and Malay countries, Tibet, China, and Japan. Students planning to elect this course are advised to take Religion 35a before it. [†]*Three hours.* Mr Eliot.

314. The English Novel. *Three hours each semester.* M T W 11. Mr Hill.

319. Romanticism. *Three hours each semester.* Th F S 11. Miss Randall.

329. American Literature to 1890. *Three hours each semester.* Th F S 9. Mr Arvin.

41, 41a, 41b. Special Studies. For Seniors by permission of the Department; for Juniors by permission. [†]*One hour or more.*

43b. Seminar. Wordsworth, Coleridge, and Others. Their poetical and literary theories and innovations; the background both of England and of the Continent, including political and social influences. *Three hours.* Th F 3. Miss Dunn.

44b. British Literature since 1890. *Three hours.* M T W 9. Mr R. G. Davis.

415. Literary Criticism. The historical background of modern problems. For Seniors. *Three hours each semester.* Th F S 9. Mr Lieder.

416a. Transcendentalism in American Literature. Emerson, Thoreau, and Whitman. *Three hours.* Th F S 10. Mr Arvin.

416b. American Fiction from 1830 to 1900. Hawthorne, Poe, Melville, and James. *Three hours.* Th F S 10. Mr Arvin.

[417b. American Literature since 1890. For students who have passed or are taking 329 or 416a or b. *Three hours.* Th F S 9. Mr Aaron.]

B. Composition

Only one course in English composition may be taken in any one semester except by permission of the chairman. Second semester courses are open both to students who have and those who have not taken the corresponding course in the first semester.

- [112a, 112b. Composition for Foreign Students. †*Three hours.*]
220a, 220b. Practice in Various Forms of Writing. *Three hours.* M T W 11, 2. Mr R. G. Davis.
345a. Playwriting. Practice in writing the one-act play. †*Two or three hours.* Mr Eliot.
345b. Playwriting. 345a is not a prerequisite, but students who have passed it will write a full-length play. †*Three hours.* Mr Eliot.
347a, 347b. The Techniques of Writing for Publication. First semester, practice in writing fiction; second semester, practice in writing nonfiction. *Three hours.* M T W 2. Mr Bailey.
348b (414b). Poetics and Practice in Verse Writing. *Three hours.* Th F S 12. Mr Fisher.
428a, 428b. Advanced Composition. For Seniors by permission of the instructor. †*Three hours.* Miss Chase.
429a, 429b. Advanced Playwriting. Prerequisite, 345a or b or the equivalent. †*One hour or more.* Mr Eliot.

C. Graduate Courses

- 50, 50a, 50b. Research and Thesis. *Three or six hours.*
51, 51a, 51b. Advanced studies arranged in consultation with the Department. †*One hour or more.*
52. Seminar in Old English Poetry. *Beowulf* and the poems traditionally ascribed to Cynewulf and Caedmon. †*Three hours each semester.* Miss Williams.
[53. Seminar in Middle English Poetry. Emphasis will be placed on the works of Chaucer, medieval romances, or medieval drama, according to the special needs of the students. Attention will be given not so much to the reading of texts as to problems of research. †*Three hours each semester.* Mr Patch.]
54a. Early English Drama. †*Three hours.* Mr Withington.
54b. Elizabethan Drama. †*Three hours.* Mr Withington.
55. Shakespeare. Critical problems, textual and literary. Lectures and reports. †*Three hours each semester.* Miss Dunn.
[57. Studies in Seventeenth-Century Literature.]
58. Studies in Eighteenth-Century Literature. †*Three hours each semester.* President Davis and Miss Hornbeak.
59a, 59b. Studies in Nineteenth-Century Poetry. †*Three hours.* Mr Lieder.
[510. Studies in Prose Fiction. *Three hours each semester.* Miss Muchnic.]
512a, [512b]. Studies in American Literature. †*Three hours.* Mr Arvin.
Adviser of graduate study: Miss Williams.

THE MAJOR

Advisers: Mr Lieder, Mr Withington, Miss Dunn, Mr Arvin, Mr Hill, Miss Horn-beak, Mr Fisher, Miss Williams.

Based on six semester hours from Division A.

Essential Courses: twenty-four semester hours from Division A, including at least one of the following: 30, 31, 32, or a course in Greek language and literature.

Optional Courses: six semester hours in Divisions A or B or, with the consent of the adviser, in a foreign literature or other closely allied field.

In consultation with her adviser every student should arrange the program of her three upper years so as to allow for a reasonable distribution in different periods of literature.

Honors

Director: Miss Lincoln. Advisers of the major will also act as advisers for Honors candidates.

Prerequisites: see the requirements for entrance to the major.

Program: students must fulfill the general requirements of the major. The units offered by the Department carry six hours of credit in each semester, and cover the fields of literary history, major figures, the primary types, and literary theory and criticism. Candidates must take at least one unit in each semester of Junior and Senior years, and are expected to take at least one unit or course in each of the four fields.

In first semester of Senior year Honors students will present a long paper to count for six hours credit, but not within the essential twenty-four semester hours outlined in the major.

Each student must correlate a small and carefully circumscribed area of her work in English with at least six hours in units or courses in a closely related field, e.g. history, philosophy, religion, classics, modern languages, the theater, art, and music; or with work in linguistics and composition in the Department.

Examinations: two examinations will be general, the third will test the candidate's work in her chosen program of correlation.

A fuller statement of the Honors program may be obtained from the director or the advisers of the major.

FRENCH LANGUAGE AND LITERATURE

PROFESSORS:	*VINCENT GUILLOTON, AGRÉGÉ DE L'UNIVERSITÉ HÉLÈNE CATTANÈS, DOCTEUR DE L'UNIVERSITÉ DE PARIS
ASSOCIATE PROFESSORS:	RENÉ GUIET, DOCTEUR DE L'UNIVERSITÉ DE PARIS, <i>Chairman</i> YVONNE IMBAULT-HUART, BI-ADMISSIBILITÉ À L'AGRÉGATION, O.A.
	LOUISE MARIE BOURGOIN, LIC. ÈS L., O.A.
	MADELEINE GUILLOTON, A.M., LIC. ÈS L.
	MARTHE STURM, LIC. ÈS L., DIPLÔME D'ÉTUDES SUPÉRIEURES
	MARGARET HILL PEOPLES, PH.D.
	MARINE LELAND, PH.D.
	A. JEANNE SALEIL, AGRÉGÉE DE L'UNIVERSITÉ
ASSISTANT PROFESSORS:	JEANNE SEIGNEUR GUIET, A.M. ANNE GASOOL, A.M.
VISITING LECTURER:	¹ RUTH JOSEPHINE DEAN, M.A., D.PHIL.
INSTRUCTORS:	RUTH TEMPLETON MURDOCH, A.M., CERT. D'APTITUDE À L'ENSEIGNEMENT DU FRANÇAIS À L'ÉTRANGER ALICE LOUISE BENJAMIN, A.M. EDITH SEBESTYEN ROSTAS, M.S. JOHN ANDREWS VAN EERDE, A.M.

The courses which may be taken to fulfill the distribution requirement in Group A are 26, 28. However, if a student is considering a major in the Department 28 is not advised.

All classes in the Department except 28 and 312a are conducted in French.

Students who need assistance in French pronunciation will be urged to take 24a or b as early in the college course as possible.

Freshmen who plan to major in French or who hope to spend the Junior year in Paris or in Geneva are advised to take 13 or 22.

Students planning to major in French, who have entered with only two units of an inflected language, will be required to take Latin 12a, Greek 12a, or six hours of the classics in translation: Greek 18a, Latin 18b, 28. It is recommended that they have a reading knowledge of a second language (ancient or modern), and that they take a general course in English literature and one in European history.

A. Language

- 11. Elementary Course, first part. Five class hours. *Three hours each semester* M T W Th F 9. Members of the Department. (I)
- 11D. Elementary Course, first and second parts. *Six hours each semester*. M T W Th F 10 or 11 and one daggered hour. Members of the Department. (I)
- 12. Elementary Course, second part. Prerequisite, two units in French or 11. *Three hours each semester*. M T W 10, 12; Th F S 9, 11, 12. Members of the Department. (I)
- 13. Reading, Grammar, and Composition. Prerequisite, three units in French, 12, or 11D. *Three hours each semester*. M T W 9, 10, 12; Th F S 9, 10, 11. Members of the Department. (I)
- 22. Intermediate Course. Reading and discussion of modern texts. Written and

oral reports. Prerequisite, four units in French or 13; by permission, 11D, 12, or three units. *Three hours each semester.* M T W 10, 12; Th F S 10, 11. Members of the Department. (I)

24a. Theoretical and Practical Phonetics. Exercises in hearing, pronunciation, and phonetic dictation. Two class hours. *One hour.* Th F 4. Miss Sturm.

24b. A repetition of 24a.

[31a], 31b. Advanced Course in Grammar and Composition. Recommended to those who intend to teach French. Prerequisite, 22 (or the equivalent by permission of the instructor). 31a is not required for 31b. *Three hours.* M T W 10. Miss Sturm.

34b. Advanced and Experimental Phonetics. Prerequisite, 24a or by permission of the instructor. *Two hours.* Miss Sturm.

[37a. Teachers' Course. Discussion of problems of modern language teaching. May be counted toward a major in education. *Three hours.* Miss Cattanès.]

B. Literature

Unless otherwise stated the prerequisite for courses of Grade III is 26 or permission of the instructor.

[General Literature 291.]

16. Introduction to French Literature. Choice of representative texts; literary, historical, and cultural background. Prerequisite, three units in French, 12, or 11D. *Three hours each semester.* M T W 9, 10, 11, 12; Th F S 10, 11, 12. Members of the Department. (I and II)

26. French Literature of the Seventeenth Century. Prerequisite, four units in French, 13, 16, or by permission. *Three hours each semester.* M T W 9, 10, 11, 12; Th F S 9, 10, 11, 12. Members of the Department. (I and II)

28. Survey of French Literature from 1600 to 1900, conducted in English. Prerequisite, 13, 16, or four units in French. Not open to students who plan to major in French. *Three hours each semester.* Th F S 10. Miss Leland. (II)

[310b. Life and Works of Molière. To alternate with 321b. *Three hours.* Miss Cattanès.]

311a. French Literature in the First Part of the Nineteenth Century. *Three hours.* M T W 9, Th F S 9. Miss Imbault-Huart, Miss Bourgoin. (II)

311b. French Literature in the Latter Part of the Nineteenth Century. Prerequisite, 311a or by permission of the instructor. *Three hours.* M T W 9, Th F S 9. Mr Guilloton, Miss Imbault-Huart. (II)

312a. French-Canadian Civilization from 1763 to the present. Conducted in English. *Three hours.* W Th F 2. Miss Leland. (II)

313b. French Literature in the Eighteenth Century. *Three hours.* Th F S 10. Mr Guiet. (II)

316a. French Literature to the End of the Renaissance. *Three hours.* Th F S 10. Mr Guiet. (II)

318a (318b). Contemporary French Novel. Prerequisite, 311a and b or by permission of the instructor. *Three hours.* Th F S 9. Miss Saleil.

[318b (318a). Contemporary French Drama. Prerequisite, 311a and b or by permission of the instructor. *Three hours.* Th F S 9. Mrs Guilloton.]

321b. Life and Works of Racine. To alternate with 310b. *†Three hours.* Mr Guilloton. (II)

323a. French Civilization. Physical environment of France, the French people, survival of characteristics in the provinces, institutions of modern France, French colonies. For students who have passed or are taking 311a or by permission of the instructor. *Three hours.* Th F S 11. Miss Imbault-Huart. (II)

41, 41a, 41b. Special studies in French language or literature. By permission. *†One hour or more.*

[42b. Advanced Stylistics and Composition. *†Three hours.* Mr Guilloton.]

Graduate Courses

50, 50a, 50b. Research and Thesis. *Three or six hours.*

51, 51a, 51b. Advanced studies arranged in consultation with the Department. *†One hour or more.*

52. Old French Linguistics. First semester, phonology; *Chanson de Roland.* Second semester, morphology; *Aucassin et Nicolette, Yvain, Lais (Marie de France).* Graduate students may, with permission of the instructor, enter the course in second semester. *†Three hours each semester.* Miss Dean.

53. Problems of Modern Syntax. *†Two hours each semester.* Miss Cattanès.

55a. Studies in Old French Literature. *†Three hours.* Miss Leland.

[56a. Development of Literary Criticism in France. *†Three hours.* Mr Guilloton.]

56b. Literary Relations between England and France in the Eighteenth Century. *†Three hours.* Mr Guilloton.

57a. History of Modern French Thought from the Renaissance to the present. *†Three hours.* Miss Sturm.

58b. Montaigne. *†One hour or more.* Mr Guiet.

59a. Victor Hugo. *†Three hours.* Miss Peoples.

59b. Rousseau. *†Three hours.* Miss Peoples.

[510b (510a). French Poetry from 1885 to the present. *†Three hours.* Mrs Guilloton.]

Adviser of graduate study: Miss Peoples.

THE MAJOR

Advisers: Miss Sturm, Miss Peoples.

Based on 13 or 16.

Essential Courses: 22, 31a or b, 26, 311a and b, 313b or 316a, 323a.

Optional Courses: any language or literature course in French above Grade II except 312a.

A student may substitute for one course in the major subject a closely related course in language or literature (ancient or modern), or in art, history, or philosophy.

Honors

Director: Miss Sturm.

Prerequisite: 26.

Program:

Requirements: 311a and b, 31a, 313b or 316a, 323a. Honors candidates will meet in special sections when the number of registrations in Honors justifies such an arrangement, otherwise the regular course will be adapted to their needs.

A review unit; a unit devoted to the study of one of the following authors and involving the writing of a paper (in English): Rabelais, Montaigne, Corneille, Molière, La Fontaine, Boileau, Pascal, Racine, Voltaire, Rousseau, Chateaubriand, Victor Hugo, Balzac, Baudelaire, Proust.

Optionals: any unit or specially adapted course in French of Grade III or IV; any unit or course of Grade III or IV in an allied field approved by the director.

Examinations: of the three examinations, the two on literature will be written in English. One general examination on the whole field of French literature; one specialized examination on a limited period (sixteenth, seventeenth, eighteenth, or nineteenth century, or the modern field); one on language with translation from English to French, from French to English, and a short composition in French.

Units

The Seventeenth Century.

The History of Ideas.

Modern Poetry.

Language (translation from English to French and French to English).

Review.

GEOLOGY AND GEOGRAPHY

PROFESSOR: HOWARD AUGUSTUS MEYERHOFF, PH.D.

ASSOCIATE PROFESSORS: ROBERT FRANK COLLINS, A.M., *Acting Chairman* (1st sem.)

*CAROLINE HEMINWAY KIERSTEAD, PH.D., *Chairman*

BENJAMIN MARTIN SHAUB, PH.D.

ASSISTANT PROFESSORS: HELEN STOBBE, A.M.

**MARSHALL SCHALK, PH.D.

ELIZABETH WARREN OLNSTED, A.M.

TEACHING FELLOW: RACHEL MARION BARKER, A.B.

The courses which may be taken to fulfill the distribution requirement in Group F are 11, 13, 26, Physical Science 194.

Students planning to major or to do Honors work in geology or geography are advised to take at least one of the following: chemistry, physics, or zoology.

Physical Science 194.

11. General Geology. Forces of nature now modifying the materials and structure of the earth; history of the earth. Field trips. Two lectures and one hour of discussion following two hours of laboratory. *Three hours each semester.* Lec.

Th F 10; Lab. and discussion M, T, Th, F 2-5, W 10-1. Mr Collins, Mr Schalk, Miss Stobbe. (III I)

13. North America. Nature and origin of the continent's physical features and natural resources; their part in colonization and industrial expansion. *Three hours each semester.* M T W 9. Miss Olmsted. (III n)

21a, [21b]. Introductory Meteorology. The weather elements; their observation; air mass analysis; short-term and aeronautical forecasting; climatology. 21a is open, by permission of the chairman, to Freshmen who have had adequate training in mathematics and physics; prerequisite for 21b, 21a. Two lectures and one demonstration. *Three hours.* Th F S 9. Mr Schalk. (III n)

22a. Advanced Physical Geology. Detailed examination of the dynamic geologic agents and their effects. Prerequisite, 11. *Three hours.* Lec. M T 11; Lab. W 11 and 2-4. Mr Schalk. (III I)

22b. Elementary Structural Geology. Origin and surface expression of the structural elements of the earth's crust. Prerequisite, 11. *Three hours.* Lec. M T 11; Lab. W 11 and 2-4. Miss Olmsted. (III I)

[23a], 23b. Paleontology. Morphology, classification and geological significance of fossil invertebrates. Prerequisite, 11 or elementary zoology; 23a is not required for 23b. Two lectures and two and one-half hours of laboratory. *Three hours.* Lec. M T 12; Lab. W 12, one and one-half hours to be arranged. Mrs Kierstead. (III I)

24a. Mineralogy. General principles; study of the more important rock-forming and economic minerals. For students who have passed or are taking 11, Chemistry 11 or 12, or Physics 11. Lecture and recitation, two hours; laboratory, two and one-half hours. *Three hours.* Lec. and rec. Th F 9; Lab. F 2. Mr Shaub. (III I)

25b. Lithology. Interrelation of the main rock types; their origin, structure, mineral composition, occurrence, and economic importance. Field methods of identification. Prerequisites, 11 and 24a. Lecture and recitation, two hours; laboratory, two and one-half hours. *Three hours.* Lec. and rec. Th F 9; Lab. F 2. Mr Shaub. (III I)

26. Economic Aspects of Geography. Natural resources of the world in relation to climatic, physiographic, and geologic setting; geographic factors in the development of the world's great trade routes. *Three hours each semester.* M T W 11. Mr Meyerhoff. (III n)

27a, 27b. Gems and Gem Materials: their properties, origin, preparation, and history. Laboratory identification; cutting and polishing. 27a is required for 27b. Two lectures and one two-and-one-half-hour laboratory period. §*Three hours.* Lec. Th F 11. Mr Shaub.

[28a or 28b. Map Making. *Three hours.* Mr Collins.]

29a, 29b. Geologic and Geographic Illustration. Cartography, block diagrams, physiographic drawing, and preparation of drawings for reproduction. Prerequisite, 11; 29a is not required for 29b. Lecture, two hours; laboratory, two and one-half hours. §*Three hours.* Lec. Th F 11. Mr Collins.

31a. Geography of Asia. Influence of relief, climate, and natural resources on

the life, movements, and history of its peoples. *Three hours.* M T W 10. Mr Meyerhoff.

31b. Geography of Europe and North Africa, with the same emphasis as in 31a. *Three hours.* M T W 10. Mr Meyerhoff.

32b. South America. Geography of the continent; climatic and physiographic backgrounds of cultural, political, and economic development. *Three hours.* M T W 12. Mr Meyerhoff.

33a, 33b. Physiography of the United States. Geologic origin and development of the country's natural regions. Prerequisite, 11; 33a is not required for 33b. *Three hours.* M T W 9. Mr Meyerhoff.

34a, 34b. Economic Geology. Lectures and laboratory study of geological products of commercial value. Prerequisites, 11 and Chemistry 11, or Geology 24a. *Three hours.* Lec. Th F 12. Miss Stobbe.

[35a, 35b. Historical Geology. Evolution of modern life and its relation to Cenozoic environment. Prerequisite for 35a, 11; for 35b, 35a. *Three hours.* M T W 10. Mr Collins.]

36a, 36b. Field Geology. Methods; theory and use of Brunton, alidade, and other mapping instruments; topographic and geologic surveying; applied structural geology. Prerequisite for 36a, 11; for 36b, 36a. *Three hours.* T Th 2-6. 36a, Miss Stobbe; 36b, Mrs Kierstead.

37b. Stratigraphy. Geological systems and subdivisions; their invertebrate fossil content and lithologic characteristics. A field trip of one or more days. Prerequisite, 23a or b. *Three hours.* Mrs Kierstead.

38a, 38b. Optical Mineralogy and Petrography. Optical properties and identification of minerals in fragments and thin sections; identification and classification of rocks with the polarizing microscope. Prerequisite for 38a, 24a; for 38b, 25b and 38a. *Three hours.* Mr Shaub.

41, 41a, 41b. Special studies in geology or geography. By permission of the Department. *One hour or more.*

42. Seminar in Geology, based on three semester hours in each of the following: paleontology, mineralogy, and physical geology or physiography. For Seniors majoring in geology, for others by permission of the director. *Three hours each semester.* M 2-5. Members of the Department. *Director,* Mr Shaub.

43. Seminar in Geography. For Seniors majoring in geography, for others by permission of the director. *Three hours each semester.* M 2-5. Members of the Department. *Director,* Miss Stobbe.

0, 50a, 50b. Research and Thesis. *Three or six hours.*

1, 51a, 51b. Individual problems in geology or geography. *Two hours or more.*

52, 52a], 52b. Paleontology or Stratigraphy. *Two hours or more.* Mrs Kierstead.

3, 53a, 53b. Physiography or Structural Geology. *Two hours or more.* Miss Olmsted.

4, 54a, 54b. Comparative Anatomy, Adaptive Radiation, and Taxonomy of Cenozoic Mammals. Prerequisite, Zoology 22 or the equivalent. For graduate

students by permission of the instructor; for Seniors by permission. †*Three hours or more.* Mr Collins.

55, 55a, 55b. Crystallography, Mineralogy, Petrology, or Gemology. †*Three hours.* Mr Shaub.

[56, 56a], 56b. Micropaleontology. Foraminifera and their classification; methods of laboratory technique; individual problems on the identification of foraminifera from important stratigraphic horizons. Also for Seniors by permission. Lecture, two hours; laboratory, four hours or more. †*Three hours or more.* Mrs Kierstead.

57, 57a, 57b. Cartography. Problems in the methods and technique of map making and physiographic illustration; conferences on the history of maps. †*One hour or more.* Mr Collins.

Adviser of graduate study: Mrs Kierstead, Mr Collins (1st sem.).

THE MAJORS

In addition to the essential courses listed below, each student is expected to take a three-day field trip, conducted by members of the Department, to an area of outstanding geologic interest. Approximate cost, \$15.

A. Geology

Adviser: Mrs Kierstead, Mr Collins (1st sem.).

Based on 11.

Essential Courses: 36a and b or the equivalent and 42.

Optional Courses: other courses in geology; courses in other sciences to be selected subject to the approval of the adviser.

B. Geography

Adviser: Mrs Kierstead, Mr Collins (1st sem.).

Based on 11, 13, 21a, or 26.

Essential Courses: 11 if not already taken; 43 and six hours above Grade II in the department.

Optional Courses: other courses in geology; courses in other sciences, history, and economics to be selected subject to the approval of the adviser.

Honors

Director: Mrs Kierstead, Mr Collins (1st sem.).

Two programs are offered: A affords maximum choice of courses for the general geology student; B provides the best course selections in anticipation of graduate study.

Prerequisites and Program: for A—11; 22a and b, 23a and b, 24a, 25b, 36a and b, 42, and eighteen additional hours in geology. All Grade II courses must be completed before the end of Junior year.

For B—11; six semester hours chosen from 22a and b, 23a and b, or 24a and 25b; one year of college chemistry, physics, or zoology. In Junior year any Grade II courses listed that have not been taken, and a year of work in chemistry, physics, or zoology chosen in consultation with the director. Before graduation the candidate will take 36a and b, 42, and six semester hours in each of the fol-

lowing fields: petrography and economic geology, paleontology and historical geology, structure and physiography.

Examinations: two will be in the general field of the major; a third may be in a field of concentration.

GERMANIC LANGUAGES AND LITERATURES

PROFESSOR: PAUL GERALD GRAHAM, PH.D., *Chairman*

ASSOCIATE PROFESSORS: †ANN ELIZABETH MENSEL, M.A.

†MARIE SCHNIEDERS, PH.D.

WOLFGANG PAULSEN, PH.D.

ASSISTANT PROFESSOR: ANITA LURIA ASCHER, PH.D.

INSTRUCTORS: HELENE SOMMERFELD, A.M.

DORA CHRISTINE VISCHER, DR. PHIL.

The courses which may be taken to fulfill the distribution requirement in Group A are 25a, 25b, 26.

Students who possess a thorough knowledge of German considerably in excess of what they need to offer for admission, or of what their preparatory school work indicates, may be assigned to more advanced classes. They should consult the chairman of the Department.

Students planning to major in German should carry work in German both years and should have some knowledge of German history. At least one course in philosophy is also recommended.

A. German Language

11. Elementary Course. Five class hours. *Three hours each semester.* M T W Th F 10, 11, 12. Miss Ascher (*Director*) and members of the Department. (I)

11D. Elementary Course, covering the work of two years. Seven class hours. *Six hours each semester.* M T W Th F 9, 11, 12 and two daggered hours. Miss Ascher (*Director*) and members of the Department. (I)

12. Intermediate Course. Prerequisite, two units in German or 11. *Three hours each semester.* Th F S 11. Miss Vischer. (I)

21. Composition and Conversation. Prerequisite, three units in German, 11D, 12, or the equivalent. *Three hours each semester.* M T W 9. Mrs Sommerfeld. (I)

[23. Scientific German. For students who wish to use the language in investigation. Prerequisite, 11 or the equivalent. *Three hours each semester.* Th F 10 and one hour arranged individually.]

B. German Literature

Unless otherwise stated the prerequisite for courses of Grade III is a Grade II course except 23, or the equivalent.

[General Literature 291.]

25a, 25b. Modern Prose. The *Novelle* of the nineteenth and twentieth centuries. Prerequisite, three units in German, 11D, 12, or the equivalent. *Three hours.* Th F S 11. Mr Paulsen. (I and II)

26. An Introduction to the Classical Literature of the Eighteenth Century. Selections from the works of Lessing, Goethe, and Schiller. Prerequisite, three units in German, 11D, 12, or the equivalent. *Three hours each semester.* M T W 10, Th F S 10. Mr Graham, Mr Paulsen. (I and II)
- 34a, 34b. German Literature of the Nineteenth Century, beginning with the romantic movement. *Three hours.* Th F S 9. Mr Graham. (II)
- 35a. An Historical Survey of German Literature from the earliest times to the middle of the eighteenth century. *†Three hours.* Mr Paulsen. (II)
- 38b. Masters of Modern German Literature. Selected works of representative writers since 1890. *Three hours.* M T W 12. Mr Paulsen. (II)
- [311a. Goethe: his life and works. *Three hours.* M T W 9. Mr Paulsen. (II)]
- 311b. Goethe's *Faust*, Parts I and II. Prerequisite, 26, 311a, or the equivalent. *Three hours.* M T W 9. Mr Paulsen. (II)
- 41, 41a, 41b. Special studies arranged in consultation with the Department. For Seniors; or for Juniors by permission. *†One hour or more.*

C. Scandinavian

- [313. Modern Norwegian: readings from Ibsen, Bjørnson, Lie, Undset, Hamsun, etc. Miss Schnieders.]

D. Germanic Philology

- [42. Historical Survey of the German Language. Miss Schnieders.]
- [43. Old Norse. Miss Schnieders.]

E. Graduate Courses

- 50, 50a, 50b. Research and Thesis. *Three or six hours.*
- 51, 51a, 51b. Special studies in the fields of literature and linguistics arranged in consultation with the Department. *†One hour or more.*
- [52. Middle High German. *†Two hours each semester.* Miss Schnieders.]
- [53. Gothic. Open also to students of the English Department. *†Two hours each semester.* Miss Schnieders.]
56. Classical Literature. Lessing, Schiller, Goethe. Hours and credit arranged individually.
57. The Nineteenth Century. The novel, drama, or lyrics. Hours and credit arranged individually.

Adviser of graduate study: Mr Paulsen.

THE MAJORS

Adviser: Mr Graham.

Based on 11D or 12.

Essential Courses: 21, 35a, and fifteen semester hours of other German courses above Grade II.

Optional Courses: courses in German above Grade I.

A student may substitute for one course in the major subject a closely related course in a foreign literature, history, or philosophy.

Honors

Director: Mr Graham.

Prerequisites: 21, 25a and b, 26, or the equivalent.

Program: a minimum of forty-eight semester hours.

Requirements: a minimum of twenty-four semester hours in the Department; twelve semester hours in related fields; three semester hours in first semester of Senior year on the preparation of a paper; three hours in second semester on review.

Examinations: an examination on the general field; one on a specialized field; and an analytical examination which may include such topics as problems of analysis, criticism and style, translation from German into English and from English into German, a composition in German.

Units

The Department will offer units in the fields of linguistics, literature, and language for Honors students in German or for Honors students in other departments who have had a Grade II course in German. In addition units conducted in English will be offered for Honors students in other departments who have had no German.

GOVERNMENT

PROFESSOR: ALICE M. HOLDEN, PH.D., *Chairman*

ASSOCIATE PROFESSORS: JOHN CALYER RANNEY, PH.D.

Gwendolen Margaret Carter, Ph.D.

LECTURER: †DANIEL AARON, PH.D.

INSTRUCTORS: JOHN EDWARD BRIGANTE, PH.D.

JACK W. PELTASON, PH.D.

ASSISTANT: CLARICE LANDIS SMITH, A.B.

The courses which may be taken to fulfill the distribution requirement in Group E are 11, 21, 31, 37, 323, Social Science 192.

For students planning to major or to do Honors work in the department 21, History 11, Economics 21, and Sociology 26 are suggested. See also the Honors program.

Social Science 192.

11. Introduction to Politics. Leading problems, principles, and concepts in political science. For Freshmen and Sophomores only; not open to students who have taken Social Science 192. Two lectures and one recitation. *Three hours each semester.* Lec. M T 12. Rec. T 3; W 9, 11, 12; Th 11, 12, 2. Mr Ranney and members of the Department. (IV)

21. American Government. A survey of American government—national, state, and local. *Three hours each semester.* Lec. M T 10; Rec. W 10, Th 11. Mr Brigante. (IV)

31. Comparative Government. Ideas and institutions of democratic and totalitarian governments, with special attention to England, Germany, France, and Russia in comparison with the United States. Prerequisite, 11, History 11, or by permission of the instructor. *Three hours each semester.* M T W 9. Mr Ranney.

- 32b. The British Commonwealth of Nations. Its development and organization, and a study of political ideas and institutions in Canada, Australia, New Zealand, South Africa, Eire, and India. Prerequisite, 11, History 11, or by permission of the instructor. *Three hours.* Th F S 10. Miss Carter.
- [33b. American Constitutional Law. Powers of the national government and fundamental rights of citizens as interpreted by decisions of the Supreme Court. Prerequisite, 21 or by permission of the instructor. *Three hours.* M T W 2.]
- 34a. American Politics: Political Parties. Their techniques and their place in the American system. *Three hours.* M T W 3. Mr Peltason.
- [34b. American Politics: Pressure Groups. A study of their role in American politics and their effect on the theory and practice of "government by public opinion." *Three hours.* M T W 3.]
- 35a. International Law. *Three hours.* Th F S 10. Miss Holden.
- 36a. Public Administration: Administrative Organization. Role of an expert civil service, techniques of administrative action and responsibility. Case studies in budgetary procedures and in the relation of government to the economy. *Three hours.* Th F S 9. Mr Ross.
- 36b. Public Administration: Government Regulation. Relationship of government to industry, agriculture, labor, investment, transportation, communications, housing, and health. *Three hours.* M T W 11. Mr Brigante.
37. International Relations. History and practice of international relations and the development of international organization. Open, by permission of the instructor, to Sophomores who have taken 11. *Three hours each semester.* W Th F 2. Miss Holden. (IV)
- 39a. American Diplomacy. A study of the foreign policy of the United States. Prerequisite, 37 or a course in American history, or by permission of the instructor. *Three hours.* Th F S 12. Miss Carter.
323. History of Political Thought from Plato to the present, with attention to Greek political philosophy, the Stoics, medieval theory, rise of the nation-state, and approaches to an international world order. Designed to provide a foundation for the understanding of current political problems. *Three hours each semester.* Th F S 11. Miss Carter and Mr Kraushaar.
- 324b (324a). American Political Thought. Open to Seniors majoring in government or by permission. *Three hours.* M T W 3. Mr Peltason.
- 41, 41a, 41b. Special studies in advanced work arranged for individuals or small groups. By permission of the Department. †*One hour or more.*
- 42b. Seminar in Contemporary Political Thought. Modern political theories and current conceptions of sovereignty, liberty, equality, law, and the bases of a world order. By permission of the instructor. †*Three hours.* Miss Carter.
- 43b. Seminar in International Organization. The evolution of modern international government; the United Nations organization and allied bodies. By permission of the instructor. †*Three hours.* Miss Holden.
- 44a. Seminar in American Government. †*Three hours.* Mr Brigante.

45a. Seminar in Comparative Institutions. A comparative study of the nature and functions of contemporary political institutions: parliamentary and cabinet systems, methods of representation and election, political parties, types of constitutions and methods of amendment, federal governments. Prerequisites, 31 and permission of the instructor. *†Three hours.* Mr Ranney.

47b. Interdepartmental Seminar in Economics, Government, and Sociology: for 1947-48, Problems of Modern Colonialism. By permission of the director, Mrs Marsh. *†Three hours.* Miss Holden, Mr Orton.

50, 50a, 50b. Research and Thesis. *Three or six hours.*

55a, 55b. Seminar. *†Three hours.* Miss Holden, Mr Ranney.

Adviser of graduate study: Miss Carter.

THE MAJOR

Advisers: Miss Holden, Mr Ranney, Miss Carter.

Based on 11 or Social Science 192.

Essential Courses: eighteen semester hours in government including 323.

Optional Courses: twelve semester hours selected from government, history, or economics, or, with the approval of the adviser, from sociology or philosophy.

Majors and Honors students, approved by the Department and the appropriate committee, may spend the Junior year in Geneva or at the University of Toronto. Special requirements in French must be met by those applying to go to Geneva.

Honors

Director: Miss Holden.

Prerequisites: 11 and at least one introductory course in history, economics, or sociology; or Social Science 192 and at least one introductory course in history.

Program:

Minimum requirement: in Junior year, a unit in the history of political theory, directed reading (three semester hours in second semester); in Senior year, a unit, long paper, and directed reading (normally six semester hours in second semester).

A full Honors program is recommended.

The work must be taken in a special field consisting of specified subjects, (1) American government, (2) comparative institutions, (3) international affairs, or (4) political theory.

Long paper: in most cases to count for six semester hours, but exceptionally for three.

Examinations: one comprehensive paper in political science and theory; one in the special field; one in a specific subject.

Units

Political Theory. *First semester,* Miss Carter.

Comparative Government. *Second semester,* Mr Ranney.

International Law. *First semester,* Miss Holden.

Studies in the American Democratic Tradition. *Second semester,* Mr Aaron.

HISTORY

PROFESSORS:

SIDNEY R. PACKARD, PH.D.
†HAROLD UNDERWOOD FAULKNER, PH.D., L.H.D.

VERA BROWN HOLMES, PH.D.

†HANS KOHN, DR. JUR.

LEONA CHRISTINE GABEL, PH.D., *Chairman*
VINCENT M. SCRAMUZZA, PH.D.

VISITING PROFESSOR: J. MONTGOMERY GAMBRILL, A.M.

ASSOCIATE PROFESSORS: JEAN STRACHAN WILSON, PH.D.

ASSISTANT PROFESSORS: §ELISABETH KOFFKA, PH.D.

WHITNEY ROGERS CROSS, PH.D.

PETER VIERECK, PH.D.

VISITING LECTURER: MAX SALVADORI, DR. SC. (POL.)

INSTRUCTORS: LAURA ANNA BORNHOLDT, PH.D.

JANE ELEANOR RUBY, M.A.

KATHERINE SOMMERLATTE VAN EERDE, PH.D.

ASSISTANT: ALICE EATON McBEE, 2D, A.M.

TEACHING FELLOWS: RITA KATHLEEN HORRIGAN, A.B.

MARGARET MELICENT A. R. VINCE, B.A.

The courses which may normally be taken to fulfill the distribution requirement in Group D are 11, 12, 13. In special cases 24a, 24b, 28, 29 may be offered instead.

The prerequisite for all other courses in the Department is 11, 12, or 13.

11. General European History. A survey of the history of Europe from the decline of the Roman Empire to the present. One lecture and two recitations. *Three hours each semester.* Lec. M 2. Rec. T W 10, 11, 12, 2, 3; Th F 10, 11, 12, 2. Mr Packard, Miss Gabel, Miss Wilson, Mr Viereck, Miss Bornholdt, Miss Ruby (*Director*), Mrs Van Eerde, Miss McBee. (IV)

12 (21). The Ancient World. The history of Mediterranean civilizations to the fall of the Roman Empire. Two lectures and one recitation. *Three hours each semester.* Lec. M T 10; Rec. W 10, 12, 3. Mr Scramuzza and members of other departments. (IV)

13. History of the Americas. A survey of the history of North and South America from their discovery to the present: American Indian cultures, colonial societies, revolutionary movements, and national developments in Hispanic-America, the United States, and Canada. *Three hours each semester.* Th 9 or 10 and F S 9. Mrs Holmes with the co-operation of Mr Cross, Miss Bornholdt, and others. (IV)

24a. Early English History to 1603. *Three hours.* Th F S 10. Mr Packard. (IV)

24b. English History since 1603. *Three hours.* Th F S 10. Miss Wilson. (IV)

28. History of the United States. A survey of the life of the American people from the period of discovery to the present, emphasizing cultural and economic as well as political factors in the development of the nation. *Three hours each semester.* Th F S 10. Mr Cross. (IV)

[29. American Economic History, with special emphasis upon the westward

movement. Economic development of the United States and its influence upon political history. *Three hours each semester.* M T W 10. Mr Faulkner.]

[31b. The Quest for Peace in the Ancient World. Open to Sophomores by permission of the instructor. *Three hours.* M T W 9. Mr Scramuzza.]

[32a. The Ancient Near East. Civilization in Egypt, Mesopotamia, Asia Minor, Syria, Palestine, and Persia. Open to Sophomores by permission of the instructor. *Three hours.* M T W 9. Mr Scramuzza.]

32b. The Struggle for Democracy and Liberty in Ancient Greece and Rome. Open to Sophomores by permission of the instructor. *Three hours.* M T W 3. Mr Scramuzza. (IV)

33a. History of Greece in the Age of Pericles. The emphasis is on social and intellectual history, with an epilogue on the Hellenistic period. Open to Sophomores by permission of the instructor. *Three hours.* M T W 9. Mr Scramuzza. (IV)

[33b. The Roman Empire. Chiefly a social and political study. Open to Sophomores by permission of the instructor. *Three hours.* M T W 9. Mr Scramuzza.]

[35a. Economic and Social History of Europe in the Middle Ages. *Three hours.* M T W 10. Mr Packard.]

35b. Cultural History of Europe in the Middle Ages. Prerequisite, 11 or 35a. *Three hours.* M T W 10. Mr Packard.

36. Age of the Renaissance and Reformation. A study of the transition from medieval to modern times. *Three hours each semester.* Th F S 9. Miss Gabel.

37b. Intellectual History of Europe from 1763 to 1850. *Three hours.* Th F S 10. Mr Viereck.

[38a. Intellectual History of Europe in the Eighteenth Century: main trends of thought in the fields of philosophy, history, theology, and social relations. *Three hours.* M T W 11. Mrs Koffka.]

39. Modern European History. Political, social, and cultural movements from 1815 to the present. *Three hours each semester.* M T W 12. Mr Salvadori.

310a (310b). Modern Britain. Political, social, and intellectual Britain in the nineteenth and twentieth centuries. *Three hours.* M T W 11. Miss Wilson.

[315b. Intellectual History of Continental Europe, 1830-1930. The history of ideas as expressed in political and social thought and in literature in France, Germany, and Russia. For Seniors; for Juniors by permission of the instructor. *Three hours.* M T W 11.]

[316a. Modern Imperialism, with special emphasis upon the Near East and Asia. *Three hours.* M T W 11. Mr Kohn.]

317a. History of Russia from the Kievan period to the present, with emphasis on the nineteenth and twentieth centuries. *Three hours.* Th F S 10. Mr Viereck.

[317b. The Far East in Modern Times. A survey of political, economic, and diplomatic developments, with emphasis on China and Japan. *Three hours.* Th F S 10.]

320a (320). History of the United States in Recent Times. Effects of social and

technological changes on the economic problems of the American people, their political interests and party organizations, cultural development, and relations with the rest of the world. *Three hours.* M T W 11. Mr Gambrill.

321a, 321b. Intellectual History of the United States. Cultural interests and achievements of the American people and their leaders in relation to social and economic environment. *Three hours.* Th F S 11. Mr Cross.

325a. Latin-American History. A study of the Latin-American states from their independence to the close of the nineteenth century. Open to Sophomores by permission. *Three hours each semester.* Th F S 11. Mrs Holmes. (IV)

325b. Latin-American History. Political and social developments since 1900. Prerequisite, 325a or by permission of the instructor. *Three hours.* Th F S 11. Mrs Holmes. (IV)

41, 41a, 41b. Special Studies. For Seniors by permission of the instructor; for Juniors by permission. *†One hour or more.*

Undergraduate Seminars

These courses are limited to ten students and are open with the permission of the instructors to Seniors, and to Juniors who have completed a second course in history. They will ordinarily meet each week for two hours, counting as *three*. In special cases Honors students may be permitted to take a seminar for *six* hours' credit.

42b. Ancient History: problems in the decay of civilizations drawn from the decline of ancient Greece and Rome. Mr Scramuzza.

44b (44a). The Medieval Town, mainly in the twelfth and thirteenth centuries. Th 4. Mr Packard.

47a. Revolution and Dictatorship. The French Revolution and Napoleon, with special attention to the influence of liberal thought, the role of pressure groups, development of nationalism and imperialism, and rise of dictatorships. Miss Gabel.

49b. Revolutions of the Seventeenth Century. An intensive study of the English revolutions, and comparisons with contemporary revolutionary movements in France, Holland, and Spain. Miss Wilson.

410a (410b). Romanticism and Liberalism. Main currents of thought in the first half of the nineteenth century, with special attention to their influence on the political developments during this period. Mr Viereck.

[411a. Selected Topics from the History of German Nationalism. M 4. Mr Kohn.]

411b. Selected Topics from the History of French and Italian Nationalism. Mr Salvadori.

[414a. History of the American Revolution. An intensive study of the period between 1763 and 1789, with special emphasis on the economic, social, and political factors involved in the American struggle for independence, diplomacy of the Revolution, and writing of the Constitution.]

414b. History of American Westward Expansion. The westward movement of dominant American economic, social, and cultural tendencies during the nineteenth century. Th 7:30. Mr Cross.

415a. The Early National Period. American history after 1789, studied through such topics as nationalism, sectionalism, rise of democracy, and development of the industrial revolution. T 7:30. Mr Gambrill, Mr Cross.

415b. American Foreign Policy since 1899, with special reference to the Pacific area. Miss Bornholdt.

420b. Inter-American Relations in the Nineteenth and Twentieth Centuries. Relations of Argentina, Brazil, Mexico, and Caribbean countries with the United States. Mrs Holmes.

Graduate Seminars

50, 50a, 50b. Research and Thesis. *Three or six hours.*

51, 51a, 51b. Special problems in advanced work in history, arranged individually with graduate students. *†One hour or more.*

[**52b.** Introduction to the Sources of Medieval History. *†Three hours.* Mr Packard.]

[**53a or 53b.** Selected Topics in the History of England in the Sixteenth and Early Seventeenth Centuries. *†Three hours.* Miss Wilson.]

[**55a.** Modern European History. *†Three hours.* Mrs Koffka.]

55b. Modern European History. *†Three hours.* Mr Salvadori.

56a (56b). Early American History. *†Three hours.* Mr Cross.

57a (57b). Recent American History. *†Three hours.* Mr Gambrill.

58b. Latin-American History. Selected topics. *†Three hours.* Mrs Holmes.

Adviser of graduate study: Mrs Holmes.

THE MAJOR

Advisers: Mr Packard, Mrs Holmes, Mr Scramuzza (chairman), Mr Cross, Miss Bornholdt, Miss Ruby, Mrs Van Eerde.

Based on 11, 12, 13, or an equivalent course.

Essential Courses: twenty-four semester hours in history.

Optional Courses: six semester hours selected from history, government (above Grade I), economics, or from literature or other courses appropriately related and approved by the adviser.

The attention of students who may be interested is called to the Interdepartmental Major in American Civilization.

Honors

Committee: Miss Wilson (chairman), Miss Bornholdt, Miss Ruby.

Prerequisites: two courses in history or one course in history and one in a field appropriately related to the Honors program.

Program: the fixed requirements for all candidates will consist of (1) a minimum of twelve semester hours in units and seminars, including the Introductory Unit (three hours) taken in first semester of Junior year; (2) directed reading (three hours) in second semester of Senior year; (3) a long paper written in first semester of Senior year; (4) comprehensive examinations. Subject to these requirements a candidate may spend all or any part of her program on Honors work.

Examinations: (1) a general comprehensive examination assuming some preparation

in each of the fields—Europe before 1648, Europe since 1648, American history; (2) an examination on historical literature and method; (3) a special examination in one of the following fields: ancient, medieval, early modern, Europe since 1789, American. Students will construct their programs with this distribution and emphasis in mind.

Units

Introductory Unit: History and Historians. A comparative study of the great historians in the major fields. Open also to properly qualified majors and to graduate students. *First semester*, Members of the Department. *Director*, Miss Ruby.

Ancient History: Greek or Roman. *First semester*, Mr Scramuzza.

Medieval History. *First semester*, Mr Packard.

The Renaissance. *Second semester*, Miss Gabel.

Tudor and Stuart England. *Second semester*, Miss Wilson.

Europe since Napoleon. *Second semester*, Mr Viereck.

English History, Nineteenth Century. *First semester*, Miss Wilson.

British Imperialism in the Nineteenth and Twentieth Centuries. *First semester*, Mrs Holmes.

[**Latin-American History.** *First semester*, Mrs Holmes.]

The Development of the United States to 1865. *First semester*, Mr Cross.

American Intellectual History. *First semester*, Miss Bornholdt.

HYGIENE AND BACTERIOLOGY

PROFESSORS:	MARION FRANCES BOOTH, A.B., B.S.C., M.D., College Physician, <i>Chairman</i>
	ABBIE MABEL O'KEEFE, M.D.
ASSOCIATE PROFESSORS:	ELIZABETH FAITH GENUNG, M.S., <i>Subchairman</i>
	K. FRANCES SCOTT, PH.B., M.D.
	FRANCES CAMPBELL MCINNES, A.M., M.D.
	ELINOR VAN DORN SMITH, PH.D.
ASSISTANT PROFESSORS:	MIRIAM ALBERTA ALBERTSON, A.B., M.D.
	LOUISE ANN BOX, B.A., M.D.
INSTRUCTORS:	ELIZABETH DOROTHY ROBITON, A.M.
	LOUISE FRANCES POTTER, PH.D.
TEACHING FELLOW:	LOIS FONDA NELLIS, A.B.

HYGIENE

The requirement in hygiene may be met in one of four ways: (a) by having passed an approved course in secondary school (students will be notified if their courses are approved); (b) by passing an examination given at the opening of college; (c) by completing 11a; (d) by completing 12a. The requirement must be completed in the first year in college.

The exemption examination will cover the hygiene of all systems of the body and the prevention of communicable diseases. Students who fail the examination may elect 11a or repeat the examination in December. If they fail it then they must elect 11b.

11a. Hygiene Lectures. Body mechanics, nutrition, vision and lighting, mental

hygiene, the reproductive systems, and control of communicable diseases. One hour without credit. Students will be assigned to lecture hour. Dr Scott.

11b. Repetition of 11a for students who failed the exemption examination or who have permission to postpone the requirement.

NOTE.—Students who take 11a or b must carry it in addition to the minimum of fifteen hours.

12a. Hygiene of the Individual. A discussion of each body system and function, and the differing health requirements at various age levels and under varying living conditions. *Three hours.* M T W 3. Dr Scott.

12b. Hygiene of Group Living. Elementary study of community health problems, including a discussion of preventable diseases and environmental health hazards, together with modern methods and official agencies for their control. Optional field trips. Prerequisite, 12a or the equivalent. *Three hours.* M T W 3. Dr Scott.

21b. Modern Public Health Movements. Survey of the developing concept of public health since the eighteenth century, with consideration of the functions of official and nonofficial agencies; detailed study of major modern problems of public health; discussion of recent proposals for the socialization of medical care. Two afternoon field trips will be required. *Three hours.* M T W 2. Dr Scott.

53b. Health Education. Special problems of personal and environmental hygiene applying to the physical activity, growth, and health of school children, and to school buildings and playgrounds. For graduate students in physical education, or by permission of the instructor. *Three hours.* Dr Scott.

54a. Advanced Health Education. Construction of teaching units in the fields of personal and community health. Practice teaching. Prerequisite, 53b. *Three hours.* Dr Scott.

BACTERIOLOGY

The courses which may be taken to fulfill the distribution requirement in Group G are 22, Biological Science 195.

Biological Science 195.

22. Bacteriology and Other Phases of Microbiology. Methods of study of principal kinds of microorganisms including bacteria, yeasts, and molds, with emphasis on the relation of microorganisms to domestic, economic, and public health problems. For students other than Freshmen who have passed or are taking Chemistry 11 or the equivalent. Two lectures and two two-hour laboratory periods. *Three hours each semester.* Lec. T W 10; Lab. M W 2. Miss Genung, Miss Potter. (III D)

[27a. Bacteria in Everyday Life. Outline of the essentials of bacteriology, with special emphasis on the relation of microorganisms to human life. Vital facts concerning bacteria illustrated by demonstration materials. *Three hours.* M T W 12.]

[27b. Bacteria in Relation to Disease. Behavior of pathogenic microorganisms, with emphasis on problems involved in their control. Lectures, papers, and field trips. Prerequisite, 22 or 27a, or by permission of the instructor. *Three hours.* M T W 12.]

34. Advanced Bacteriology and Serology. Systematic study of pathogenic bacteria and public health laboratory methods of disease diagnosis, including agglutination and Wassermann reactions. Prerequisite, 22. One lecture and five hours of laboratory. *Three hours each semester.* Lec. Th 2; Lab. Th 3-5 F 2-5. Miss Smith, Miss Robinton.
- 41, 41a, 41b. Special studies in bacteriology and serology. For Seniors, by permission of the instructors, who have had at least one semester of 34; for Juniors by permission. *†Two or three hours.*
- 42b. Pathogenic Fungi and Antibiotics. Systematic studies of the higher bacteria and fungi of medical importance. For Seniors who have passed 22 and have passed or are taking 34 or have passed Botany 34a. *Three hours.* Lec. Th 10; Lab. Th 11-1 F 10-1. Miss Robinton.
- 43a, 43b. Seminar in Backgrounds of Bacteriology. Survey of the discoveries and developments in bacteriology which have had a vital influence on the fields of medicine and surgery, public health and sanitation, and on certain industrial and domestic operations. Prerequisite for 43a, 22 or 27a and b; for 43b, 43a or by permission of the instructor. *†Three hours.* Miss Genung.
- 44b. Seminar in Bacteriology and Immunology. By permission of the instructors for students who have passed or are taking 34. *†One hour.* Miss Genung, Miss Smith.
- 50, 50a, 50b. Research and Thesis. *Three or six hours.*
- 51a, 51b. Advanced Studies. *†One hour or more.*
- 55a, 55b. Problems in Bacteriology and Serology. *†Two hours or more.* Miss Genung, Miss Smith.
- 56b. Problems in Pathogenic Fungi and Antibiotics. *†Two hours or more.* Miss Robinton.

Adviser of graduate study: Miss Genung.

Attention is called to the Interdepartmental Major in Bacteriology.

ITALIAN LANGUAGE AND LITERATURE

PROFESSOR: MARGARET LE BRETON ROOKE, M.A.

ASSOCIATE PROFESSORS: |ANACLETA CANDIDA VEZZETTI, DOTTORE IN FILOSOFIA E
PEDAGOGIA

RUTH ELIZABETH YOUNG, A.M., *Chairman*

**MICHELE F. CANTARELLA, A.M.

The courses which may be taken to fulfill the distribution requirement in Group A are 24, 26a, 26b.

Students planning to major in Italian, who have entered with only two units of an inflected language, will be required to take Latin 12a, Greek 12a, or six hours of the classics in translation: Greek 18a, Latin 18b, 28.

[General Literature 291.]

11. Elementary Course. *Three hours each semester.* M T W 11, Th F S 10. Miss Cooke, Miss Young, Mr Cantarella. (I)

- 11D. Elementary Course, covering the work of two years. *Six hours each semester.* M T W Th F S 9; additional hours to be arranged for conversation in place of some preparation. Miss Young. (I)
21. Intermediate Course. Reading from modern Italian literature, with grammar and composition. Prerequisite, two units in Italian or 11. *Three hours each semester.* M T W 11. Miss Young. (I)
- [23. Conversation. Prerequisite, 11 or the equivalent. To be taken in connection with another course in the Department. †Two class hours. *One hour each semester.* (I)]
24. Italian Drama from the eighteenth century to the present. Prerequisite, 11 or the equivalent. †*Two hours each semester.* Mr Cantarella (1st sem.). (II)
25. Rapid Reading of Modern Italian. Prerequisite, 11D or 21, or by permission of the instructor. †*One hour each semester.* Miss Young. (II)
- 26a. Survey of Italian Literature from the thirteenth century to the fifteenth. Lectures in English. Recommended for students who plan to take Grade III courses in Italian literature. Also for students, by permission of the instructor, who have had no Italian. *Three hours.* W Th F 2. Miss Rooke. (II)
- 26b. Survey of Italian Literature from the sixteenth century to the twentieth. Lectures in English. Recommended for students who plan to take Grade III courses in Italian literature. Also for students, by permission of the instructor, who have had no Italian. *Three hours.* W Th F 2. Miss Rooke. (II)
- Unless otherwise stated the prerequisite for courses of Grade III is 11D or 21.
- [31. Dante: his life and times. *Vita Nuova, Divina Commedia.* For students who have passed 11 and have passed or are taking 26a or the equivalent. *Three hours each semester.* M T W 9. Miss Rooke.]
- [32. Italian Literature from Petrarch and Boccaccio to Tasso. †*Two hours each semester.* Miss Rooke.]
- [33. Italian Literature of the Renaissance. †*Two hours each semester.* Miss Young.]
- [34. Modern Italian Poetry: its sources, and comparisons with contemporary English verse. †*Three hours each semester.* Miss Rooke.]
- [35. Modern Italian Prose: the novel, short story, and essay. †*Three hours each semester.* Miss Vezzetti.]
36. Translation from Italian into English. By permission of the instructor. †*Two hours each semester.* Miss Young.
37. Advanced Composition (written and oral). *One hour each semester.* Th 5. Mr Cantarella (1st sem.).
- 41, 41a, 41b. Special Studies. By permission of the Department. †*Three hours.*
- 50, 50a, 50b. Research and Thesis. *Three or six hours.*
- 51, 51a, 51b. Advanced Studies. †*One hour or more.*
52. Dante and His Contemporaries. Prerequisite, 31 or the equivalent. †*Three hours each semester.* Miss Rooke.
- Advisers of graduate study: Miss Rooke, Miss Young.

THE MAJOR

Adviser: Miss Young.

Based on 11D or 21.

Essential Courses: 26a and b, 31, 37.

Optional Courses: other courses in Italian except 23. If the student has taken 26a and b before Junior year, she may, with the consent of the adviser, substitute for one course in the major subject a closely related course in literature, history, or art.

Honors

Director: Miss Cooke.

Prerequisite: 11D or 21; 26a and b.

Program: twenty-four hours from courses of Grade III in Italian, including 31 and 34 or 35; three hours on an independent piece of work.

Examinations: one on the general field of literature; one on the field of specialization; one on linguistic preparation; in addition to these an oral examination to test both literary and linguistic knowledge may be given in certain years.

MATHEMATICS

PROFESSORS: SUSAN MILLER RAMBO, PH.D., *Chairman*
NEAL HENRY MCCOY, PH.D.

ASSOCIATE PROFESSOR: RICHARD EDWARD JOHNSON, PH.D.

ASSISTANT PROFESSOR: ANNE FRANCES O'NEILL, PH.D.

The courses which may be taken to fulfill the distribution requirement in Group F are 12, 13, 14. However, if a student is considering a major in the Department 14 is not advised.

Students planning to major in mathematics are advised to offer three units of mathematics for entrance and to take in the first two years Mathematics 12, 21, or 13, 22a. A course in astronomy or physics is also recommended. For additional preparation for Honors work, see the Honors program.

12. Mathematical Analysis. Trigonometry; analytic geometry; elements of calculus. Prerequisite, three units of mathematics not including trigonometry. *Three hours each semester.* M T W 12; Th F S 9, 10. Miss Rambo, Mr McCoy, Mr Johnson. (III n)

NOTE.—Credit will be given for the first semester, if it is followed in the same year by Astronomy 24b.

13. Analytic Geometry, Differential Calculus. Prerequisite, at least three units of mathematics including trigonometry or 11b. *Three hours each semester.* M T W 10, Th F S 11. Mr McCoy, Miss O'Neill. (III n)

[14. An Introduction to the Basis of Mathematical Thinking. Prerequisite, two or three units of mathematics. Not open to students who have taken 12 or 13. *Three hours each semester.* M T W 12. Miss O'Neill. (III n)]

21. Differential and Integral Calculus. A continuation of 12. Prerequisite, 12. *Three hours each semester.* M T W 12, Th F S 10. Mr Johnson, Miss O'Neill. (III n)

22a. Differential and Integral Calculus. Equivalent to the second semester of 21. Prerequisite, 13. *Three hours.* Th F S 10. Miss Rambo. (III n)

- 24b. Intermediate Calculus. Partial derivatives, multiple integrals with applications to physical problems, infinite series. Prerequisite, 21 or 22a. *Three hours.* Th F S 10. Mr Johnson. (III n)
- 31a. Differential Equations. Solution and application of ordinary differential equations. Prerequisite, 21 or 22a. *Three hours.* M T W 10. Mr Johnson.
- [32b. Foundations of Geometry. An introduction to the axiomatic study of Euclidean and non-Euclidean geometry and to certain concepts in topology. Prerequisite, three semester hours of mathematics above Grade I or by permission of the instructor. *Three hours.* M T W 9.]
- 33a. Theory of Equations. For students who have passed or are taking 21 or 22a. *Three hours.* Th F S 11. Mr McCoy.
- [33b. Modern Algebra. Theory and applications of determinants and matrices, with an introduction to the theory of groups, rings, and fields. Prerequisite, three semester hours of Grade III in mathematics or by permission of the instructor. *Three hours.* Th F S 11. Mr McCoy.]
- 35b. Theory of Numbers. Properties of integers including divisibility, theory of congruences, primitive roots, theorems of Fermat and Wilson. Prerequisite, three semester hours of Grade III in mathematics or by permission of the instructor. *Three hours.* Th F S 11. Mr McCoy.
- [36a. Infinite Series. Prerequisite, 21 or 22a. *Three hours.* M T W 9.]
37. Elements of Modern Geometry. Prerequisite, 12. *Three hours each semester.* Th F S 9. Miss Rambo.
- 38b. Solid Analytic Geometry. For students who have passed 21 or 22a or are taking 21. *Three hours.* M T W 10. Miss Rambo.
- 41, 41a, 41b. Special Studies. For Seniors by permission of the Department; for Juniors by permission. \dagger *One hour or more.*
43. Advanced Calculus. A study of functions of two or more variables. Prerequisite, 21 or 22a. *Three hours each semester.* M T W 11. Miss O'Neill.
- 47a, 47b. Selected topics, of a fundamental nature, from the fields of algebra, analysis, and geometry. For Juniors. \dagger *Six hours.*
- [48a, 48b. Honors paper, review, and co-ordination. For Seniors. \dagger *Three hours.]*
- 50, 50a, 50b. Research and Thesis. *Three or six hours.*
- 52a, 52b. Special studies in topology and analysis, including functions of a real variable and functions of a complex variable. \dagger *One hour or more.*
- 53a, 53b. Special studies in modern geometry. \dagger *One hour or more.*
- 54a, 54b. Special studies in algebra, including theory of numbers, theory of groups, matrices and determinants, and modern algebraic theories. \dagger *One hour or more.*

Adviser of graduate study: Mr Johnson.

THE MAJOR

Advisers: Mr McCoy, Miss O'Neill.

Based on 12 or 13.

Essential Courses: 21 or 22a and other courses in mathematics, making a total of not less than eighteen semester hours, of which at least twelve must be above Grade II.

Optional Courses: other courses in mathematics.

Astronomy, courses above Grade I except 26a or b, and 27b.

Physics, courses above Grade I except 27b.

Economics 38; Chemistry 43, 46b; Philosophy 21a or b, 31b.

Honors

Director: Miss Rambo.

Prerequisites: 12 and 21 *or* 13 and 22a. A course in astronomy or physics is recommended, and a reading knowledge of German or French.

Program: in Junior year, 31a, 47a and b; Senior year, 43, 48a and b. In both years the rest of the work in the major field shall consist normally of courses in mathematics above Grade II, or courses in astronomy, physics, or philosophy approved by the Department.

Examinations: one will cover the common background of all majors, two will test the fields of specialization.

MUSIC

PROFESSORS:

ARTHUR WARE LOCKE, A.M.
 WILSON TOWNSEND MOOG, B.A., MUS.B.
 WERNER JOSTEN
 LELAND HALL, M.A., *Chairman*
 JOHN WOODS DUKE
 SOLON ROBINSON
 ALFRED EINSTEIN, DR. PHIL.
 †ROSS LEE FINNEY, B.A.
 *ANTONIO BROSA

ASSOCIATE PROFESSORS:

DORIS SILBERT, A.M.
 RAYMOND PUTMAN
 WILLIAN BEAUMONT SCATCHARD, B.MUS., B.S.
 BIANCA DEL VECCHIO, DIPLOMA DI MAGISTERO
 †MARION DE RONDE, A.B.
 GERTRUDE PARKER SMITH, A.M.

**LOUISE ROOD, A.M.

ANNA HAMLIN
 IDA DECK HAIGH

ASSISTANT PROFESSOR:

DIRECTOR OF CHORAL

MUSIC:

TEACHER OF VIOLIN:

VIOLONCELLO:

INSTRUCTOR:

TEACHING FELLOWS:

ROBERT SUMTER BRAWLEY, A.B., MUS.B.

¹MILTON J. ARONSON

A. KUNRAD KVAM, M.M.
 ÉLOÏSE DEGENRING, A.B.
 JEAN LOUISE BENNEYAN, B.A.
 ANNE KATHERINE WALSH, B.S.
 DORIS MARIAN WITTENBERG, B.S.
 HELEN EDNA POTERALA, A.B.

CURATOR: RUTH MARGARET AGNEW, M.A.

The courses which may be taken to fulfill the distribution requirement in Group B are 13, 23. However, if a student is considering a major in the Department 13 is not advised.

Music 320, 321a, and 46, combined with practical music and certain courses in education, are necessary for teaching music in schools. Students should consult Mrs Scatchard or Miss Rees as early as possible in the college course.

A. Courses in the Study of Composition

11. Introduction to Composition: melodic, rhythmic, and harmonic materials. Four class hours. *Two hours each semester.* M T W 9, 3; Th F S 9, 10; one period of sight singing and keyboard harmony to be arranged. Miss Silbert (*Director*), Miss Smith, Miss Rood, Mrs Haigh, Miss Benneyan. (II)
21. Continued study of harmonic materials and an introduction to counterpoint. Prerequisite, 11 or its equivalent. Three class hours. *Two hours each semester.* M T W 10, Th F S 11. Mr Moog, Miss Smith. (II)
- 31a. Tonal Organization in Musical Form. Introduction to forms based on thematic organization. Prerequisite, 21 or its equivalent. *Three hours.* M T W 11. Miss Smith.

- [31b. Larger Tonal and Thematic Forms. Prerequisite, 31a. *Three hours.* M T W 11. Mr Finney.]
33. Form and Composition. Prerequisites, 21 or its equivalent and permission of the instructor. *Three hours each semester.* M T W 12. Mr Josten.
42. Composition for Small Instrumental Groups. Prerequisite, 33. †*Three hours each semester.* Mr Josten.
52. Composition for Orchestra. Prerequisite, 42. †*Three hours each semester.* Mr Josten.
- [53. Theories of Analysis Applicable to Modern Music. †*Three hours each semester.* Mr Finney.]

B. Courses in the Study of Musical Literature

Unless otherwise stated the prerequisite for Grade III courses in this Division is 23.

13. Listeners' Course. Observation of the elements of music and of musical composition. No previous training in music is required. This course may not be taken as the theory requirement by students receiving credit for practical music. *Three hours each semester.* M T 4 and a third hour to be arranged for sections. Mr Hall, Miss Rood. (II)
23. General History of Music. Prerequisite, 13, 11, or the equivalent. *Three hours each semester.* W Th F 3. Miss Silbert. (II)
- 35a. The Symphony since Beethoven. *Three hours.* W Th F 3. Mr Hall.
- 35b. Verdi and Italian Opera. *Three hours.* W Th F 3. Mr Hall.
- 36a. Wagner. *Three hours.* M T W 10. Mr Locke.
- 36b. Modern Music. *Three hours.* M T W 10. Mr Locke.
- 38a. Haydn. Offered in alternate years. *Three hours.* M T W 9. Miss Silbert.
- 38b. Mozart. Offered in alternate years. *Three hours.* M T W 9. Mr Josten.
- [310a. Beethoven. *Three hours.* M T W 9. Mr Josten.]
- [311a. Chamber Music of Beethoven. Offered in alternate years. †*Three hours.* Miss De Ronde.]
- [311b. Chamber Music of Schubert, Schumann, and Brahms. Offered in alternate years. †*Three hours.* Miss De Ronde.]
- [313b. Studies in Pianoforte Music. Prerequisites, 23 and 222. Offered in alternate years. *Three hours.* M T W 10. Mr Hall.]
- 315a. History of Orchestration from Haydn to Modern Times. Survey of orchestral instruments and their use in works of outstanding composers. †*Three hours.* Miss Rood.
- [318b. Music in America. The rise of a popular and of a serious musical culture in America. *Three hours.* M T W 12. Mr Finney.]
- 43b (37b). Secular Song before 1650. †*Three hours.* Miss Smith.
- 44b (44a). Studies in the Criticism of Music: various aspects as represented in important literary works. †*Three hours.* Mr Einstein and Miss Silbert.

- 54a (54b). Studies in Eighteenth-Century Opera Buffa. *†Three hours.* Mr Hall.
 55. Bach. *†Three hours each semester.* Mr Locke.
 56. Mozart; Schubert. Required without credit of all candidates for the Master's degree in music. Mr Einstein.

C. Courses in Music Pedagogy

320. Elementary School Music. Principles, methods, and materials of music education from nursery school and kindergarten through sixth grade. For students who have passed 11 and have passed or are taking 23. Students must pass a preliminary test in ear-training, sight singing, singing of folk songs, sight reading at the piano, and playing a selection of moderate difficulty. *Two hours each semester.* M T 2. Mrs Scatchard.
- 321a, 321b. Choral Conducting. Fundamentals of conducting; study of various styles of choral music suitable for school and amateur groups; technique of interpreting and conducting such music. Prerequisite for 321b, 321a. To be offered in alternate years beginning in 1948. Two class hours. *One hour.* T 4-6. Mrs Scatchard.

Note.—The chorus of this class is open, without credit, to anyone interested in singing, the only requirement being the ability to sing in tune and to read simple music.

46. Advanced School Music. Music in junior and senior high schools. Prerequisite, 320. *Three hours each semester.* M T 3 and one hour of observation and participation to be arranged. Mrs Scatchard.

- 41, 41a, 41b. Special studies in the theory and literature of music. By permission of the Department. *†One hour or more.*

- 50, 50a, 50b. Research and Thesis. *Three or six hours.*

- 51, 51a, 51b. Advanced studies arranged in consultation with the Department. *†One hour or more.*

Adviser of graduate study: Mr Locke.

D. Practical Courses

Undergraduate and graduate courses are offered in the following branches of practical music: piano, violin, viola, violoncello, organ, voice, and chamber music. These courses may be elected by properly qualified students, and are given credit toward the degrees of Bachelor of Arts and Master of Arts. There are fees for all courses in practical music and for the use of practice rooms, which are listed on page 43.

Courses in practical music except chamber music require one lesson of one hour, or two lessons of half an hour each, and six hours of practice per week, and count for *two hours each semester.* Honors students and other specially qualified students in courses above Grade II may be permitted to register for *three hours.* If additional instruction is received there will be an added charge. Courses in chamber music require one lesson of one hour and three hours of practice per week and count for *one hour each semester.*

Students taking practical music (Division D) to be counted for credit toward graduation must take at least an equal number of hours from Divisions A, B, or C (except 13), and the hours in practical music may not be counted unless this equivalent number of hours has been passed.

Any course in practical music and its accompanying course in Divisions A, B, or C may be counted together as one in the required number of three-hour courses, but each course will receive its full credit.

No student in practical music will be admitted to a course above Grade II who has received a mark lower than C in the previous course in the same branch.

Before registering for any course in practical music the student must show evidence of her ability in a test given by members of the Department at the College during the days just previous to the opening of the first semester and in May. These tests are based on the following requirements:

PIANO. The candidate will be expected to play three pieces representing different styles in piano literature, preferably selected from the following groups, but substitutes may be presented with the approval of the Department. (1) Bach: Little Preludes and Fugues, French Suites, Clavecin Book of Anna Magdalena Bach, Inventions. (2) Clementi: Sonatas or Sonatinas (one movement); one movement from sonatas of Haydn or Mozart, or of Beethoven, op. 2, 10, 14, or 49. (3) Mendelssohn: "Songs without Words"; Schumann: "Kinderszenen"; Chopin: Waltzes, Preludes, Nocturnes, Mazurkas; Schubert: Impromptus, Moments Musicaux; Grieg: "Lyric Pieces"; Field: Nocturnes; MacDowell: "Woodland Sketches," "Sea Pieces."

ORGAN. The examination for admission to organ courses is identical with that for entrance to piano courses as stated above.

VOICE. The candidate will be expected (1) to sing three songs, (2) to pass a simple test in sight reading. She will be judged on her pitch, rhythm, musical intelligence, and feeling.

VIOLIN. The candidate should be prepared to play (1) major and minor scales; (2) any two studies from Dont, op. 37 or 38; (3) one movement from a sonata or sonatina of the grade of the sonatinas of Schubert; (4) a solo selected by the candidate.

VIOLA. The candidate must have passed 252 or its equivalent.

VIOLONCELLO. The candidate should be prepared to play (1) major and minor scales of three octaves; (2) any two studies from Dotzauer, op. 120, or from Merk, op. 11; (3) a movement from a sonata by one of the seventeenth- or eighteenth-century composers such as Antoniotti or Buononcini; (4) a solo selected by the candidate.

Piano

Mr Locke, Mr Duke, Mr Robinson, Mr Putman, Miss del Vecchio, Mrs Haigh.

121. Major and minor scales; Hanon; studies of the grade of Czerny, op. 299; Bach, Two-Part Inventions, Little Preludes and Fugues; sonatas of the grade of the Mozart in G; shorter compositions. (II)

222. Technical studies; Bach, Three-Part Inventions or French Suites; sonatas of the grade of Beethoven, op. 14, no. 1; shorter romantic compositions. (II)

323. Technical studies; Bach, English Suites, Partitas, or Preludes and Fugues from the Well-Tempered Clavichord; sonatas of the grade of Beethoven, op. 26; pieces from romantic and modern schools.

424. Preparation of a program of not less than one-half hour, including one long work.

525. Advanced work for students who have passed 424.

Organ

Mr Moog.

232. Manual and pedal technique; Bach, eight short preludes and fugues, selected Chorale-Preludes from Vol. V, Peter's ed.; short pieces involving fundamental principles of registration. Prerequisite, 121 or its equivalent. (II)
333. Bach, Prelude and Fugue in C minor, Toccata and Fugue in D minor; Mendelssohn, second sonata; shorter pieces for use in church service. Accompanying of hymns, anthems, and chants.
334. Bach, Preludes and Fugues in E-flat and D major; old masters of the organ; selected compositions of Widor, Franck, Reger. Complete church service playing.
535. Bach, Prelude and Fugue in A minor, Fantasie and Fugue in G minor, E-flat Trio Sonata; works of modern composers; transcriptions. Preparation of a recital program of not less than a half hour.

Voice

Miss Hamlin, Miss Degenring.

141. Exercises in breathing and tone placement. Vocal studies of Vaccai, Lütgen, or Concone. Italian songs of Pergolese, Caccini, etc. Freshmen are strongly urged to take Italian in conjunction with this course. (II)
242. Studies of Marchesi or Concone. Songs and arias of Mozart, Handel, Haydn, Bellini, Rossini, and old English airs. (II)
- A knowledge of German and French is advisable for students electing 343 and 444.
343. Studies of Marchesi and Panofka. Continued study of classic repertoire and beginning study of German lieder and songs of Fauré or Debussy.
444. Studies of Marchesi. Standard German and French repertoire, opera arias of Verdi, contemporary songs.
545. Advanced work for students who have passed 444.

Violin

Mr Aronson (1st sem.), Mr Brosa (2d sem.).

Each course includes graded study of scales and arpeggios, double stops, chords, elected études for special problems of right- and left-hand technique, and short compositions for tone production and development of nuance, phrasing, and style.

51. Studies by Kayser and Kreutzer; sonatas of the seventeenth and eighteenth centuries; concertos by Vivaldi, Nardini, and others. (II)
52. Studies by Kreutzer; sonatas of the seventeenth and eighteenth centuries, including Handel; concertos by Bach, Viotti, and others. (II)
53. Studies by Kreutzer and Rode; sonatas of the eighteenth and nineteenth centuries, concertos by Spohr, Mozart, and others.
54. Studies by Rode; sonatas of the eighteenth and nineteenth centuries; concertos by Mozart, Bruch, Mendelssohn, and others.
55. Advanced study for students who have passed 454.

Viola

Miss Rood.

363. Technical studies by Svecenski, Lifschey, and Kreutzer; sonatas and concertos of the eighteenth and nineteenth centuries. Prerequisite, 252 or its equivalent.

464. Further study of chamber music literature. Études of Campagnoli; modern sonatas and solo works.

NOTE.—These courses may be taken only in conjunction with courses in string quartet, or by permission of the instructor.

Violoncello

Mr Kvam.

171, 272, 373, 474, 575. Technical studies from Dotzauer to Franchomme, and study of representative literature for the violoncello. 171 and 272 in Group II.

Chamber Music

These courses are open to students of violin, viola, violoncello, and piano by permission of the instructor only.

String Quartets

181, 282, 383, 484, 585. Quartets by Haydn, Mozart, Schubert, and Beethoven. 181 and 282 in Group II.

Ensemble with the Piano

Mr Kvam.

292a and b, 393a and b, 494a and b, 595a and b. Representative literature for piano and strings. 292a and b in Group II.

NOTE.—These courses are of three kinds: sonatas for piano and violin or violoncello (two students); other combinations of piano and strings; individual work for pianist with instructor for which a fee is charged.

THE MAJOR

Adviser: Miss Smith.

Based on 11.

Essential Courses: 21, 23, 31a, and twelve semester hours of music above Grade II. Optional Courses: closely related courses with the approval of the adviser.

Honors

Director: Miss Silbert.

Prerequisites: 11, 21, 23.

Program: in fulfilling the requirements of the major students will include a comprehensive unit continuing through both years and totaling twelve hours; they will present a paper or composition counting for three to six semester hours; and will take a minimum of nine semester hours in other departments. Apart from these requirements the program will be planned with the director to meet individual needs.

Examinations: one general comprehensive; one involving critical analysis on a limited field of concentration in literature or composition; one oral.

The Department will offer work in the literature of music to Honors students in other departments who have had a Grade II course in music.

PHILOSOPHY

PROFESSORS:	EDNA ASTON SHEARER, PH.D.
	MARY EVELYN CLARKE, PH.D., <i>Chairman</i>
	**OTTO FREDERICK KRAUSHAAR, PH.D.
ASSOCIATE PROFESSORS:	Alice AMBROSE LAZEROWITZ, PH.D.
	†MORRIS LAZEROWITZ, PH.D.
	DOROTHY WALSH, PH.D.
VISITING LECTURER:	ROGER WELLINGTON HOLMES, PH.D.
INSTRUCTOR:	DAVID HAVENS NEWHALL, M.A.

The courses which may be taken to fulfill the distribution requirement in Group C are 11, 22, 24, 33.

11. Introduction to Philosophy. Reading and discussion of some of the most important classic and modern philosophical works, to introduce the student to such topics as the relation of mind and body, sources of knowledge, freedom and determinism, nature and status of ideals. *Three hours each semester.* M T W 10, 12, 3; Th F S 9. Miss Shearer, Mrs Lazerowitz, Miss Walsh, Mr Newhall. (IV)
- 21a. Logic. Introductory course, including study of common fallacies in reasoning, theory of the syllogism, and some modern developments. The course is intended to train the ordinary student in effective use of principles of correct thinking. *Three hours.* Th F S 11. Mrs Lazerowitz. (IV)
- 21b. Repetition of 21a. Th F S 10. Mrs Lazerowitz.
22. Ethics. The outstanding moral theories of classical and modern times, with applications to practical problems. Reading will include literature of the Epicureans and Stoics, Aristotle, Kant, Bentham, Mill, Nietzsche, Bergson, G. E. Moore. *Three hours each semester.* Th F S 9. Mr Kraushaar (1st sem.), Miss Clarke (2d sem.). (IV)
24. History of Philosophy from Thales to Kant. Introduction to philosophy, with emphasis on its historical development. The course should be of use also to students majoring in other fields who wish to obtain an acquaintance with the history of ideas. *Three hours each semester.* M T W 9, 12; W Th F 2; Th F S 9, 10, 12. Miss Clarke, Mr Kraushaar, Miss Walsh, Mr Holmes, Mr Newhall. (IV)
- 31b. Advanced Logic. Postulate sets. The system of *Principia Mathematica*: general propositions; definite descriptions; classes and the theory of types. Prerequisite, 21a or b. [†]*Three hours.* Mrs Lazerowitz.
- [32a. Metaphysics and Science. Development of a new technique for the solution of philosophical problems. Its application to a selection of metaphysical theories which closely resemble scientific theories: theories of time, space, substance, causality and freedom, universals, a priori propositions. Prerequisite, six semester hours in philosophy or by permission of the instructor. [†]Two class hours. *Three hours.* Mr Lazerowitz.]
- [32b. Epistemology. General explanation of a new technique for the solution of philosophical problems. Its application to epistemological and closely related problems: our knowledge of the external world, other minds, the mind-body problem, rationalism and empiricism. Prerequisite, six semester hours in philos-

ophy or by permission of the instructor. †Two class hours. *Three hours.* Mr Lazerowitz.]

33. Aesthetics. Persistent general convictions and the views of representative philosophers as to the nature and value of beauty and its expression in literature, music, and the plastic arts. *Three hours each semester.* M T W 9. Miss Shearer.

35a. Kant: a study of the *Critique of Pure Reason* with consideration of its present significance. Prerequisite, 24. Offered in alternate years. †Two class hours. *Three hours.* Miss Clarke.

38a. Oriental Philosophy. Philosophical bases of Hinduism, Buddhism, and the metaphysical systems into which they developed. Prerequisite, six semester hours in philosophy. *Three hours.* M T W 3. Miss Clarke.

[310a. American Philosophy. Philosophical ideas of Edwards, Emerson, Royce, James, Dewey, and others, with attention to the connection of these ideas with current religious, political, and moral views. *Three hours.* Th F S 10. Mr Kraushaar.]

311. Recent and Contemporary Philosophy. Modern idealism from Hegel; William James; Whitehead; Bertrand Russell; G. E. Moore; Santayana. Prerequisites, 24 and six semester hours in philosophy or in allied departments as approved by the director. *Three hours each semester.* W Th F 2. Members of the Department. Director, Mrs Lazerowitz.

323. History of Political Thought from Plato to the present, with attention to Greek political philosophy, the Stoics, medieval theory, rise of the nation-state, and approaches to an international world order. Designed to provide a foundation for the understanding of current political problems. *Three hours each semester.* Th F S 11. Mr Kraushaar and Miss Carter.

41, 41a, 41b. Special Studies. †One hour or more.

[43b. Contemporary Philosophy of Art. Reading in selected contemporary aesthetic theories. Only for students who have passed or are taking 33. †Two class hours. *Three hours.* Miss Walsh.]

50, 50a, 50b. Research and Thesis. *Three or six hours.*

51, 51a, 51b. Advanced studies arranged individually. †*Three hours.*

52a. Spinoza and Leibniz. †*Three hours.* Miss Clarke.

52b. British Philosophy in the Eighteenth Century. †*Three hours.* Miss Clarke.

53. A Systematic Study of Aesthetic Theory. †*Three hours each semester.* Miss Shearer.

54a. Selected Topics in Contemporary Aesthetic Theory. †*Three hours.* Miss Shearer.

55a (55b). Topics in Logical Theory, with special reference to foundations of mathematics. †*Three hours.* Mrs Lazerowitz.

56b (312a). Contemporary Ethics. †*Three hours.* Miss Clarke.

Adviser of graduate study: Miss Shearer.

THE MAJOR

Advisers: members of the Department.

Based on six semester hours in philosophy.

Essential Courses: twenty-four semester hours in philosophy, including 24 whenever taken, unless used as the basis of the major.

Optional Courses: related courses in other departments as approved by the adviser.

Honors

Director: Miss Clarke.

Prerequisites: any year course in philosophy of Grade I or Grade II; in addition 21a or b and Psychology 11 or 12 are advised. For other prerequisites for specific programs the directors should be consulted.

Program: three hours on the preparation of a paper and three on review; the remaining hours divided between work in philosophy and in some related department, with the major portion of the work in philosophy including normally at least two units.

Examinations: one on philosophical systems and history of philosophy; one on value theories and methodology; one on work done in related departments.

Units

Aesthetics. *Six hours. First semester*, Miss Walsh.

Topics in the History of Modern Philosophy. *Three hours. Second semester*, Miss Clarke.

Logic. *Three hours. First or second semester*, Mrs Lazerowitz.

Ethics. *Six hours. Second semester*, Miss Clarke.

Political Philosophy. *Six hours. Second semester*, Mr Kraushaar.

Individual Philosophers such as Plato, Hobbes, Spinoza, Rousseau, Schopenhauer, Bergson, James, Whitehead. *Three hours. First or second semester*, Members of the Department.

These units will ordinarily be offered in alternate years.

PHYSICAL EDUCATION

PROFESSOR:	DOROTHY SEARS AINSWORTH, PH.D., Director
ASSOCIATE PROFESSORS:	GERTRUDE GOSS HARRIETTE OVERTON AULL, A.M. FLORENCE MARIE RYDER, M.S.
	HELEN LOUISE RUSSELL, PH.D., Assistant Director
ASSISTANT PROFESSORS:	EVELYN F. JENNINGS, B.S. ANNE LEE DELANO, B.S. IN ED. LILLIAN M. MANCINI, A.M. RUTH EVANS, A.M.
LECTURER:	FRANCES MEAKER COLVILLE, M.S. IN H.P.E.
INSTRUCTORS:	ETTIE LEN TOY CHIN, A.M. RUTH ARLENE SWEZEY, B.S. BARBARA J. WALLACE, B.S.ED. RITA MAY BENSON, M.S. IN H.P.E. SHIRLEY FERRELL BLANCHARD, B.S. HELEN VIRGINIA CROOK, B.S. IN PHY. ED. ELIZABETH V. GOODE, A.M. MARGARET ANN THORSEN, M.S. IN H.P.E.

Physical Education 1a and b and 2a and b are required of all students in the first two years, the type of work being adjusted to the needs and conditions of individual students. Continuous failure in these courses due to lack of interest or to unexcused absences may result in the student's being requested by the President to withdraw from college.

All students who are in physical education classes or use the gymnasium are required to buy uniform suits and shoes.

The Athletic Association, open to all members of the College, is under the direction of this Department.

A. Physical Education

Requirements

1a, 1b. Body Mechanics, Dance, and Sports.¹ Three periods of one hour each. Required for Freshmen.

Fall Term. One period, body mechanics; two periods, swimming for those who have not passed the test, for others a choice of the following:

Archery, canoeing, crew, golf, hockey, riding, soccer, swimming, tennis.

Individual Gymnastics. Miss Ryder, Miss Jennings, Miss Blanchard, Miss Thorsen.

The Dance, modern and folk. Miss Goode.

Winter Term. One period, fundamental movement; two periods, a choice of Badminton, basket ball, bowling, fencing, riding, squash, swimming, winter sports.

Individual Gymnastics. Miss Ryder, Miss Jennings, Miss Blanchard, Miss Thorsen.

The Dance, continuing the fall course and new sections. Miss Goode.

¹A fee is charged for golf, riding, campcraft, and winter sports.

Spring Term. One period, rhythmic work or body mechanics; two periods, beginning swimming for those who have not passed the test, for others a choice of

Archery, baseball, campcraft, canoeing, crew, golf, lacrosse, riding, swimming, tennis.

Individual Gymnastics. Miss Ryder, Miss Jennings, Miss Blanchard, Miss Thorsen.

The Dance, continuing the fall and winter courses and new sections. Miss Goode.

2a, 2b. Dance and Sports. Three periods of one hour each. Required for Sophomores.

Each term a choice of sports and dance as listed under the corresponding term for 1a and b.

A health consultation is required for Juniors and Seniors, and any student who is falling below a standard which for her is reasonable must take work under the direction of the Department as follows:

3a, 3b. Required for these Juniors.

4a, 4b. Required for these Seniors.

Elective Classes and Sports

Juniors and Seniors may elect work in any class listed above or in the upper-class sports sections.

In addition there are week-end trips to the cabins under the auspices of the Outing Club, riding trips under the Riding Club, and open-hour swimming at the pool.

Courts and other equipment are available to all students when not being used by classes.

B. Course in the Training of Teachers of Physical Education

This course is open to students of Smith College and to graduates of other colleges of approved standing. Students entering it will be given the opportunity to specialize in one of four fields: corrective physical education, the dance, recreation (physical education in relation to community service and clubs), sports (in relation to schools and colleges).

The course has as its basic plan classes in science and education as well as physical education. Smith College students may take the majority of the scientific and educational courses as undergraduates and in so doing will be able to fulfill the requirements for the diploma in one year after graduation.

Properly qualified students may become candidates for the degree of Master of Science in Physical Education (M.S. in Phy. Ed.). Six semester hours of zoology, six hours of education, and six hours in bacteriology, chemistry, experimental psychology, mathematics, nutrition, physics, or zoology should be offered as prerequisites. Students who have satisfactorily completed the courses equivalent to those leading to the diploma may become candidates for the degree in the first year. Other students would normally become candidates in the second year.

It is possible also for properly qualified students to become candidates for the degree of Master of Arts (A.M.) or Master of Education (Ed.M.).

Students who wish to enter the course should present a written statement from a physician that they are in good physical condition and able to undertake a course

in physical education. For further information write to Miss Ainsworth, Scott Gymnasium, for the special booklet describing the courses.

33a, 33b. Corrective Physical Education. The basic teaching material of preventive and corrective phases of physical education as applied to individual developmental needs. *Three hours.* M T W 12. Miss Ryder.

42a, 42b. Elementary material for the teaching of physical education, including the dance, recreation, and sports. Required in the first year of students entering from other colleges who have not fulfilled the requirement elsewhere. Open to undergraduates only by permission of the Director of Physical Education. Prerequisite for 42b, 42a. Two lectures, six hours of practice. *†Three hours.* Members of the Department.

43a, 43b. The Physiology and Anatomy of Movement. An analytical study of human motor activity. Prerequisites, Zoology 12 and permission of the Director of Physical Education. 43a, lecture two hours, laboratory four hours; 43b, lecture three hours and assigned problems. *Three hours.* Lec. Th F 11. Lab. Th F 9-11. Miss Ryder.

50, 50a, 50b. Research and Thesis. *Three or six hours.* Director, Miss Russell.

51a, 51b. Special Studies. *†Three hours.* Members of the Department.

52. Continuation of 42, covering advanced material for the teaching of physical education, with opportunity for the student to specialize in corrective gymnastics, the dance, recreation, or sports. Theory, two hours; practice, six hours. *†Three hours each semester.* Members of the Department.

53a, 53b. Gymnastics and Fundamental Movement. Theory, one hour; practice, two hours. *†One hour.* Miss Ainsworth, Miss Mancini.

54a or 54b. Elementary Measurement in Physical Education. *†Three hours.* Miss Russell.

55a. History and Principles of Physical Education. *†Three hours.* Miss Ainsworth.

55b. Organization and Administration of Physical Education. *†Three hours.* Miss Ainsworth.

56a, 56b. Directed Practice in the Teaching of Physical Education. One lecture; two practice periods. *†Three hours each semester.* Miss Mancini.

57a or 57b. Advanced Measurement in Physical Education: history and methods of testing. Use of statistics and study of special problems. *†Three hours.* Miss Russell.

Hygiene 53b. Health Education. Required of all students for the diploma.

Hygiene 54a. Advanced Health Education.

PHYSICS

PROFESSORS:	Gladys Amelia Anslow, Ph.D.
ASSOCIATE PROFESSOR:	*Nora May Mohler, Ph.D., <i>Chairman</i>
ASSISTANT PROFESSORS:	J. Gerald McCue, Ph.D.
LECTURER:	Lilly Lorentz, Ph.D., <i>Acting Chairman</i> (1st sem.)
INSTRUCTOR:	William Taussig Scott, Ph.D.
TEACHING FELLOWS:	Dorothy Wrinch, D.Sc.
	Elaine Friede, A.M.
	Elizabeth Thompson Bunce, A.B.
	Hilda Hsi-Teh Hsieh, B.S.

The courses which may be taken to fulfill the distribution requirement in Group F are 11, 21, Physical Science 193, 194.

Students who enter with a unit of physics should consult a member of the Department concerning their elections in physics.

Students planning to major in physics are expected to offer three units of mathematics for entrance and are urged to take mathematics through calculus before the Junior year; some college work in chemistry is strongly advised. See also the prerequisites for Honors work.

Physical Science 193.

Physical Science 194.

11. Fundamentals of Physics. An introduction to the laws and properties of matter, sound, light, heat, and electricity. Lecture and discussion, three hours; laboratory, two hours. *Three hours each semester.* Lec. and discussion M T W 10, 11, 12; Lab. M, T, Th, F 2, F 9, 11. Miss Mohler, Miss Lorentz, Miss Friede, Miss Bunce, Miss Hsieh. (III I)

12. A course for premedical students who are taking 11. Applications of the subject to biological and medical problems. One period of two hours for laboratory and discussion. *†One hour each semester.* Miss Lorentz (1st sem.), Miss Mohler (2d sem.).

21. Laboratory Physics. Experiments in mechanics, sound, heat, light, electricity and magnetism. Prerequisite, 11 or, by permission of the instructor, 22a, Physical Science 193, or an entrance unit. One lecture and two two-and-one-half-hour laboratory periods. *Three hours each semester.* Lec. F 12. Lab. A, M T 2; Lab. B, Th F 2. Miss Mohler, Mr Scott, Miss Friede. (III I)

NOTE.—Students who are permitted to enter this course from 22a will be required to register for four hours.

23a. Light. Nature of light, reflection, refraction, interference, diffraction, polarization, theory of relativity. Lectures and discussion. Prerequisite, a college course in physics or astronomy. *Three hours.* M T W 9. Miss Lorentz. (III n)

[**27b.** Photography. Study of photographic processes, including their chemical and optical theory. Prerequisite, a laboratory course in physics or chemistry. Lecture, two hours; laboratory, three hours. *Three hours.* Lec. Th F 10; Lab. T 2. Miss Mohler.]

28b (28a). Introductory Aeronautics. Aerodynamics and theory of flight. Prerequisite, a year course or, by permission of the instructor, one semester of physics

or an entrance unit. Lectures and experiments. *Three hours.* Th F S 11. Mr Scott. (III n)

31a, 31b. Advanced Laboratory Physics. Experiments in selected fields, with emphasis on the reproduction of classical researches of recent years. Prerequisites, 21 and Mathematics 21 or 22a. Two periods of three hours each. *Three hours.* Th F 2. Miss Lorentz, Miss Bunce.

32a. Mechanics. Statics and dynamics of particles and rigid bodies. Lectures and problems. Prerequisite, Mathematics 21 or 22a. *Three hours.* Th F S 12. Mr McCue.

32b. Introduction to Mathematical Physics. The application of mathematical methods to the study of vibration, wave motion, and conduction of heat. Lectures and problems. Prerequisite, Mathematics 21 or 22a. *Three hours.* Th F S 10. Mr McCue.

33. Modern Physics. Quantum theory of the electron, the nucleus, radiation and cosmic rays, and the theory of relativity. Prerequisites, 14, 21, or, by permission of the instructor, 11 or 22b, and Mathematics 21 or 22a which may be taken with 33. *Three hours each semester.* Th F S 9. Miss Anslow.

34. Advanced Electricity and Magnetism. Static and dynamic electricity, direct and alternating currents, magnetism and electromagnetic fields, and electronic circuits. Lectures and problems. Prerequisites, 21 and Mathematics 21 or 22a. *†Three hours each semester.* Mr Scott.

[35a (44a). Topics in the History of Physics, with special emphasis on the inter-relations of physics and other developments of the periods considered. *†Three hours.* Miss Mohler.]

[36a, 36b. Spectroscopy. Spectroscopic methods and instruments. Analysis and theory of atomic spectra; molecular spectra and structure problems. By permission of the instructor. Lectures, two hours; laboratory, three hours. *Three hours.* Lec. T W 12; Lab. T 2. Miss Anslow.]

41a, 41b. Special Studies. For Seniors by permission of the Department; for Juniors by permission. *†Two hours or more.*

43. Introductory Biophysics. Applications of the principles and techniques of physics to biology and medicine, including the effects of radiation, problems of vision, hearing, nerve conduction. For students majoring in physics, biology, biochemistry, or related fields who have had at least one laboratory course in physics and in zoology. Lectures and discussion, two hours; laboratory, three hours. *†Three hours each semester.* Miss Anslow (1st sem.), Miss Mohler (2d sem.), with the co-operation of Miss Sampson.

45a. Physical Crystallography. Diffraction of X-rays by crystals; Bragg's law; types of symmetry; some fundamental crystal analyses. Prerequisites, Physics 11 and Mathematics 21 or 22a. *†Three hours.* Miss Wrinch.

46b. Thermodynamics. A discussion of the laws of thermodynamics, entropy, and the behavior of ideal and real gases. Prerequisites, 11 and Mathematics 21 or 22a. *†Three hours.* Miss Lorentz.

Graduate Courses

- 50, 50a, 50b. Research and Thesis. *Three or six hours.*
- 51a, 51b. Special topics in such fields as sound, light, electricity and magnetism, thermodynamics, and kinetic theory. *†Two hours or more.*
- 52a, 52b. Selected problems assigned for investigation, experimental work, and discussion. *†Three hours or more.*
- 53a, 53b. Classical Theoretical Physics. *†Three hours.*
- 54a, 54b. Introduction to Quantum Mechanics. *†Three hours.* Miss Anslow.
- 55a, 55b. Seminar in Nuclear Physics. *†Two hours or more.* Members of the Department.
- 59a or 59b. Structure of Large Molecules. Physics, chemistry, and geometry of biologically active molecules. *†One hour or more.* Miss Wrinch.

Adviser of graduate study: Miss Anslow.

THE MAJOR

Advisers: Miss Mohler, Miss Lorentz.

Based on 11, 14, 21, or, by permission of the Department, on 22a and 22b or on Physical Science 193.

Essential Courses: 21 if not already taken, and at least one semester of 31a, 31b; Mathematics 21 or 22a. At least twelve semester hours in physics must be above Grade II.

Optional Courses: other courses in physics and mathematics above Grade I and courses in astronomy, chemistry, and geology with the approval of the adviser.

In addition to the essential courses, each student is expected to receive instruction in shop techniques in a two-hour period for one semester.

Honors

Director: Mr Scott.

Prerequisites: one year of college physics, Mathematics 12 or 13, and Physics 21 or Mathematics 21 or 22a. One or two other courses in mathematics, physics, or chemistry, and reading knowledge of French and German are advised.

Program:

Essential Courses: 33 and the Honors paper. Mathematics 21 or 22a if not already taken.

Optional Courses: other physics courses above Grade II; advanced courses in other sciences chosen in consultation with the director; a review unit.

Examinations: written examinations covering theoretical and experimental phases of the subject in classical physics, modern physics, and in the field of specialization.

PSYCHOLOGY

PROFESSORS: WILLIAM SENTMAN TAYLOR, PH.D.

HAROLD EDWARD ISRAEL, PH.D., *Chairman*

ASSOCIATE PROFESSORS: †JAMES JEROME GIBSON, PH.D.

ELSA MARGAREETA SIIPOLA, PH.D.

ANNELIES ARGELANDER ROSE, PH.D.

ASSISTANT PROFESSORS: ELEANOR JACK GIBSON, PH.D.

MIRIAM EUGENIA CROWLEY, PH.D.

ASSISTANT: MIRIAM WALDRON BRAINARD, A.B.

TEACHING FELLOWS: FLORENCE BAUMBACH KUHNS, A.B.

FREDERICK NORMAN DIBBLE, B.A.

MIRIAM ILGOVSKY, B.A.

The courses which may be taken to fulfill the distribution requirement in Group G are 11, 12. If a student is considering a major in the Department 11 is advised.

11. General Psychology. Systematic treatment of the characteristics of human nature. Application of fundamental principles to problems in motivation, learning, perception, thinking, and personality. Laboratory work is designed to provide experimental verification and illustration of facts and theories. Not open to students who have taken or are taking an introductory course in psychology. Two lectures, one recitation, and one two-hour laboratory period. *Three hours each semester.* Lec. M T 12. Rec. W 12, 2; Th 10, 11, 12, 2, 3. Lab. W, Th, F 9, 11; W, Th 2. Mr Israel, Miss Siipola, Mrs Gibson, Miss Crowley, Mrs Brainard, Mrs Kuhns, Mr Dibble, Miss Ilgovsky. (III I)

12. General Psychology. Outline of the field and methods of psychology; basic facts and theories, including such topics as motivation, learning, perception, thinking, and personality. Not open to students who have taken or are taking an introductory course in psychology. *Three hours each semester.* M T W 9, 11; Th F S 9, 10. Mr Taylor, Mrs Rose, Mrs Gibson. (III n)

21. Introductory Experimental Psychology. For students who have had an introductory nonlaboratory course in psychology. Two hours of laboratory. Two hours (M T 12) of lecture may be required of advanced standing students. *One hour each semester.* T 2-4. Miss Siipola. (III l)

24a. Child Psychology. Mental development of the child from birth to puberty. Prerequisite, 11 or 12. *Three hours.* Lec. Th F 11. Rec. F 12, 2, S 11. Mrs Rose.

24b. Psychology of Adolescence. Mental development of the adolescent from puberty to maturity. Prerequisite, 11, 12, or by permission of the instructor. *Three hours.* Lec. Th F 11. Rec. F 12, 2, S 11. Mrs Rose.

25a (25). Social Psychology. Psychological problems and concepts basic to the social sciences, including such topics as communication, propaganda, rivalry and co-operation, and the social patterning of motives. Prerequisite, 11 or 12. *Three hours.* Th F S 10. Mr Gibson.

311b (31a). Survey of Experimental Psychology. Basic experimental evidence and chief techniques of normal human adult psychology. Lectures, demonstrations, and classroom experiments. Prerequisite, 11 or 21. *Three hours.* Th 2-4 F 2. Mr Gibson.

- [31b. Projects in Experimental Psychology. Investigation of selected experimental problems. Discussion, conferences, and supervised research. Prerequisite, 31a or by permission of the instructor. About six hours of laboratory. *†Three hours.* Mr Gibson.]
- 32a. History of Psychology. Origin and development of the principal problems of psychology, with emphasis upon the influences of various schools of psychologists. Prerequisite, six semester hours in psychology. *Three hours.* M T W 10. Mr Israel.
- 32b. Systematic Psychology. Critical examination of the subject matter and concepts of psychology as treated in current systems. Prerequisite, 32a. *Three hours.* M T W 10. Mr Israel.
- 37b. Psychology of Personality. Study of the psychological organization of the adult personality, with emphasis upon individuality rather than generalized human nature. Basic concepts and theories; experimental and clinical techniques of investigation; development of adult personality-structure. Prerequisite, 11 or 12. Open to Sophomores by permission of the instructor. *Three hours.* W Th F 2. Miss Siipola.
- 38a. Introduction to Mental Measurement. Nature of individual differences and theory and principles of their measurement; theories of intelligence; principles and problems in the construction and interpretation of tests. Prerequisite, 11 or 12. *Three hours.* M T W 9. Miss Crowley.
- 38b. Mental Tests in Clinical Practice. Supervised practice in the giving, scoring, and interpretation of group and individual tests. Analysis of response-patterns of various clinical groups. A minimum of two hours of practice testing in addition to class work will be required. Prerequisite, 38a. *Three hours.* M T W 9. Miss Crowley.
- 39b. Industrial Psychology. Psychology of employers, employees, and consumers in regard to production, distribution, and consumption. An optional visit to a near-by factory. Prerequisites, 11 or 12 and permission of the instructor. *Three hours.* M T W 12. Mr Taylor.
- 41a, 41b. Special Studies. Problems not specifically dealt with by other courses in psychology, such as research problems in experimental psychology, advanced psychology of language, special problems in child psychology, and mental tests. For Seniors by permission of the instructor; for Juniors by permission. *One hour or more.* Hours arranged individually.
- 43b. Comparative Psychology (seminar). Evolution of behavior, with emphasis on discrimination, motivation, and modifiability. Reports on special problems such as infrahuman social behavior, the experimental neurosis, inheritance of behavior traits. *†Three hours.* Mrs Gibson.
- 44b. Child Psychology (seminar). Selected problems, reports, and discussion. Prerequisite, 24a. *†Three hours.* Mrs Rose.
- 451b (45a). Social Psychology (seminar). The socializing of the individual considered as a psychological process. Reports and discussion. *†Three hours.* Mr Gibson.
- [45b. Experimental Social Psychology (seminar). *†Three hours.* Mr Gibson.]

46. Abnormal Psychology and Mental Hygiene. Everyday mental abnormalities and various disorders in relation to psychological theory and application. Two optional visits to near-by hospitals. For Seniors who have passed 11 or 12, *and* are majoring in psychology, education, sociology, or premedical science, or by permission. *Three hours each semester.* M T W 3. Mr Taylor.

47a. Psychology of Personality (seminar). Intensive study of projective techniques of investigating personality. Supervised practice with standard techniques. Prerequisite, 37b. *Three hours.* Th 2-4. Miss Siipola.

Graduate Courses

50, 50a, 50b. Research and Thesis. *Three or six hours.*

51a, 51b. Advanced Studies. Similar to 41a and b. *†One hour or more.*

52a, 52b. Seminar in Current Psychological Problems. Also for Senior Honors students by permission. *†One hour or more.*

56. Abnormal Psychology. Students will be required to attend the lectures in 46. Not open to students who have taken 46. *†Three hours each semester.* Mr Taylor. Adviser of graduate study: Mr Israel.

THE MAJOR

Advisers: members of the Department.

Based on 11 or 12. If the major is based on 12, 21 must be taken in Sophomore year, or in Junior year in addition to the major.

Essential Courses: eighteen semester hours in psychology with six additional hours, which may be taken in Sophomore year, beyond 11 or 21. Six hours must be taken from 24a, 311b, 31b, 32a, 32b, 43b. Courses from this list taken in Sophomore year may be counted toward this special requirement.

Optional Courses: other courses in psychology and courses in related subjects approved by the Department.

Honors

Director: Mrs Gibson.

Prerequisites: 11 or 12 and 21. Courses in zoology, physics, and German are useful as background.

Program: nine hours from 311b, 31b, 32a, 32b, twelve in other psychology courses, and six devoted to a long paper and review; nine additional hours in psychology or related subjects.

Examinations: one in general experimental and theoretical psychology; one on other fields of psychology; one a more specialized type.

RELIGION AND BIBLICAL LITERATURE

PROFESSOR: S. RALPH HARLOW, PH.D.

ASSOCIATE PROFESSORS: MARGARET BRACKENBURY CROOK, B.A.

†VIRGINIA CORWIN, B.D., PH.D.

WILLIAM ARMISTEAD CHRISTIAN, PH.D., *Chairman*

ASSISTANT PROFESSOR: WILLIAM GRAHAM COLE, A.B., B.D., Chaplain

INSTRUCTOR: PAUL GRIMLEY KUNTZ, S.T.M., PH.D.

The courses which may be taken to fulfill the distribution requirement in Group A are 11, 39; in Group C, 14, 31a, 31b, 35a, 35b.

[General Literature 291.]

11. Introduction to the Bible. Narratives and poems covering creation, fall, patriarchs, judges, kings. The Great Prophets and lawgivers. Proverbs and Job. Jesus, Paul, and their teachings; Gospels, Acts, and other books of the New Testament. *Three hours each semester.* Th F S 9. Miss Crook. (II)
14. Introduction to the Study of Religion. Teachings of contemporary Judaism, Roman Catholicism, and Protestantism. Problems presented by scientific thought, nationalism, and industrialized society. Survey of certain important religious ideas. For Freshmen and Sophomores only. *Three hours each semester.* Lec. Th 10. Rec. (for Freshmen) Th F 3, F S 10; (for Sophomores) Th F 2, F S 10. Mr Christian, Mr Kuntz. (IV)
- [25a. Greek New Testament. Prerequisite, Greek 11, 11D, or the equivalent. [†]*Three hours.* Mr Christian.]
- 26a. The Literary History of the Bible from earliest scriptural collections through the history of the great translations. Prerequisite, one year of Bible studies in college. *Three hours.* M T 4 and one hour to be arranged. Miss Crook. (II)
- 27a. Social Teachings in the Bible, with special reference to the major prophets and Jesus. Recommended for students who intend to take 37. *Three hours.* M T W 11. Mr Harlow. (IV)
- 27b. Life and Teachings of Paul. *Three hours.* M T W 11. Mr Harlow. (IV)
- 28a (28b). Contemporary Judaism. Its religious and social background, and its contribution to Christianity and democracy. *Three hours.* M T W 3. Mr Harlow. (IV)
- 29 (38). Hebrew. Elementary course with readings from narratives of the Old Testament. *Three hours each semester.* M T W 3. Miss Crook.
- 31a. History of Christian Thought through the Middle Ages. The early church fathers, Augustine, and medieval scholasticism. *Three hours.* M T W 10. Mr Christian.
- 31b. History of Christian Thought since the Middle Ages. Classical Protestant thought. Influence of science, philosophy, and historical study: criticism and reconstruction. Developments in Catholic thought. *Three hours.* M T W 10. Mr Cole.
- 32b. Religion in America. Religious thought, institutions, and movements as they have developed in American life. *Three hours.* M T W 9. Mr Christian.
- 34 (34a). Contemporary Religious Thought. A critical study of some important problems and movements. *Three hours each semester.* M T W 11. Mr Christian.
- 35a. History of Religions. Hinduism, Buddhism, Confucianism, and Shinto: their thought, institutions, and religious literature. *Three hours.* Th F S 11. Mr Kuntz.
- 35b. History of Religions. Judaism, Christianity, and Islam: great men, characteristic teachings and institutions, relations to each other and to Western culture. *Three hours.* Th F S 11. Mr Kuntz.
37. American Social Problems. Modern international and race relationships. An examination of these problems and their significance for the world tomorrow.

The contribution of religion to their solution. *Three hours each semester.* T 4 and T W 9 or 12. Mr Harlow.

39. The Prophets and Jesus. A comprehensive study of the prophets of the Old Testament; the relation of their works to those of the lawmakers, historians, and psalmists. Jesus, his teachings; ways in which Paul and other New Testament writers interpret him. Not open to students who have taken 16 or 22. *Three hours each semester.* M T W 2. Miss Crook.

41, 41a, 41b. Special Studies. For Seniors by permission of the Department; for Juniors by permission. *†One hour or more.*

50, 50a, 50b. Research and Thesis. *Three or six hours.*

51a, 51b. Advanced Studies. *†One hour or more.*

Adviser of graduate study: Mr Christian.

THE MAJOR

Advisers: Miss Crook, Mr Christian.

Based on six semester hours in religion.

Essential Courses: at least eighteen semester hours in religion, including six in Biblical studies (except for students who have taken 22) selected from 25a, 26a, 27b, 39, and six in historical or philosophical studies in religion.

Optional Courses: other courses in religion and related courses approved by the adviser.

Honors

Director: Miss Crook.

Prerequisite: six semester hours in religion.

Program: students will fulfill the distribution requirements of the major and will include in Senior year one unit for the preparation of the paper and one for review.

The major portion of the work will be in units and courses in the Department,

with work in related fields approved by the director.

Units will be conducted by means of regular conferences and special reading, and will usually be planned in conjunction with existing courses.

Examinations: one in the field of concentration; one in the general field of religion and related subjects; an essay on a previously assigned subject.

Units

Studies in the Old Testament. Miss Crook.

Studies in the New Testament. Miss Crook.

History of Christian Thought.

Judaism. Mr Harlow.

The Function of Religion in the Development of Society. Mr Harlow.

History of Religion. Mr Kuntz.

SLAVIC LANGUAGES AND LITERATURES

PROFESSOR: HELEN MUCHNIC, PH.D., *Chairman*
 VISITING PROFESSOR: MANFRED KRIDL, PH.D.
 ASSISTANT PROFESSOR: CATHERINE A. PASTUHOVA, PH.D.
 INSTRUCTOR: LYDIA V. SAVITZKAYA, M.A.

The courses which may be taken to fulfill the distribution requirement in Group A are Russian 23, 26, 35a, 35b.

[General Literature 291.]

POLISH

[Polish 11. Elementary Course, including pronunciation, basic rules of grammar, reading, and speaking. *†Three hours each semester.* Mr Kridl. (I)]

[Polish 21. The Polish Literary Language. Reading from the works of modern novelists. Prerequisites, a knowledge of the language and permission of the instructor. *†Three hours each semester.* Mr Kridl. (I)]

Polish 31. Advanced course for those who have passed 21. *†Three hours each semester.* Mr Kridl.

RUSSIAN

Russian 11D. Elementary Course. Nine class hours. *Six hours each semester.* M T W 10 Th F S 9 and M W F 3. Mrs Pastuhova, Mrs Savitzkaya. (I)

Russian 21D. Intermediate Course. Prerequisite, 11D or the equivalent. *Six hours each semester.* M 3 T W Th F 2 and one hour to be arranged. Mrs Pastuhova, Mrs Savitzkaya. (I)

Russian 23. Literature of the Nineteenth Century. Development of Russian realism. Study of some typical works of Pushkin, Lermontov, Gogol, Turgenev, Dostoevsky, and Tolstoy, with discussion of important trends in social and aesthetic ideas which they represent. Conducted in Russian. *Three hours each semester.* M T W 12. Miss Muchnic. (II)

Russian 31. Advanced Course. Conversation, reading, and composition. Special stress on pronunciation and the building of vocabulary, based on study of the roots and structure of the language. Reading from classical and Soviet literature. Prerequisite, 21D or by permission of the instructor. *†Three hours each semester.* Mrs Pastuhova.

SLAVIC LITERATURE IN TRANSLATION

Russian 26. History of Russian literature from the beginnings to the Revolution. *Three hours each semester.* M T W 9. Miss Muchnic. (II)

Russian 35a. Pushkin and Gogol. *Three hours.* M T W 10. Miss Muchnic.

Russian 35b. Tolstoy and Dostoevsky. *Three hours.* M T W 10. Miss Muchnic.

Russian 39. Comparative Slavic Literature: Russian, Polish, Czech. Literary trends reflecting cultural changes. *Three hours each semester.* Th F S 11. Mr Kridl.

Russian 42b. Russian Literature since the Revolution. *†Three hours.* Miss Muchnic.

Russian 41, 41a, 41b. Special Studies. By permission. *†One hour or more.*

Students who wish to major in Russian or in Russian Civilization should consult Miss Muchnic.

SOCIOLOGY

PROFESSOR:	Gladys Eugenia Bryson, Ph.D., <i>Chairman</i>
ASSOCIATE PROFESSORS:	*Neal Breault De Nood, Ph.D. Margaret Alexander Marsh, A.M.
	Charles Hunt Page, Ph.D.
VISITING LECTURER:	Max Salvadori, Dr. sc. (Pol.)
INSTRUCTOR:	Mary Ellen Bates, Ed.M.
TEACHING FELLOW:	Bonnie Bevan Epstein, A.B.

The courses which may be taken to fulfill the distribution requirement in Group E are 26, 34a, 34b, Social Science 192.

Students planning to major or to do Honors work in sociology are advised to select from the following: Psychology 11, 12, 25a; Zoology 11, 12; Economics 21; Government 11, 21; History 11, 13, 28, 29; Philosophy 11, 22, 24.

Students who plan to enter the field of social work should consult their major advisers regarding desirable courses.

Unless otherwise indicated the prerequisite for Grade III courses is 26, Social Science 192, or permission of the instructor.

Social Science 192.

26. Introduction to the Study of Society. *Three hours each semester.* Lec. M T 10. Rec. W 10, 11, 12; Th 12, 2; F 11, 12. Mrs Marsh, Mr Page, Miss Bates, Mrs Epstein. (IV)

31a. Urban Sociology. Theoretical and practical problems of urbanization. *Three hours.* M T W 9. Mr Salvadori.

32b (32). Social Maladjustment. Causation and prevention of social pathologies. Optional field trips. *Three hours.* Th F S 9. Mr De Nood.

33b (33a). Social Anthropology. Life and thought of nonliterate peoples; processes of cultural adaptation and change. *Three hours.* M T W 11. Miss Bryson.

34a, 34b. Expansion of Western Culture. Cultural consequences of modern imperialism; spread of science, technology, nationalism, secularism, and other culture complexes of Western civilization throughout the world. *Three hours.* Th F S 10. Mrs Marsh.

35a. The Modern Family. Emphases in current studies of the family; changing laws and attitudes; shifting and permanent values. For Seniors without prerequisite; for Juniors with a prerequisite as stated above. *Three hours.* M T W 11. Miss Bryson.

36a (36). Scope and Problems of American Sociology. American theoretical sociology; its applications to social work, education, jurisprudence, religion, and history. *Three hours.* M T W 12. Miss Bryson.

[37a. Population. The dynamics of population change, with particular reference to problems, international and domestic, associated with differential rates of population growth. *Three hours.* Th F S 9. Mrs Marsh.]

38b (38). European Sociological Theories. Theories of Durkheim, Weber, and Simmel; nonlogical action; cultural dynamics; forms of organized interaction. *Three hours.* Th F S 11. Mr De Nood.

39b. Social Work in the American Community. Development and organization of modern social services under voluntary and governmental auspices; the basic processes of social practice, case work, group work, and administration; social welfare planning. Prerequisite, the introductory course in economics, government, psychology, or sociology. *Three hours.* Th F S 10. Miss Day.

311b (311a). Class and Caste in American Society. Major theories and their application to the American scene; examination of current research dealing with social movements and personality types related to class status. *Three hours.* M T W 3. Mr Salvadori.

41, 41a, 41b. Special Studies. For Seniors by permission of the Department; for Juniors by permission. *†One hour or more.*

43b. Seminar in Techniques of Social Research. Surveys, questionnaires, interviews, case studies, social ecology. Prerequisites, 26, Social Science 192, or Economics 21; first semester of Economics 38; and permission of the instructor. *†Three hours.* Miss Bryson.

44b (44). Seminar in Social Institutions. Structure, functions, dynamics, and integration of contemporary institutions. By permission of the instructor. *†Three hours.* Mr De Nood.

45a (45). Seminar in Changing Social Organization. Emergence of a new social order; middle-class and mass ideologies; problems of democratic processes. By permission of the instructor. *Three hours.* T 7:30. Mr Salvadori.

47b. Interdepartmental Seminar in Economics, Government, and Sociology: for 1947-48, Problems of Modern Colonialism. By permission of the director, Mrs Marsh. *†Three hours.* Miss Holden, Mr Orton.

50, 50a, 50b. Research and Thesis. *Three or six hours.*

51, 51a, 51b. Special Advanced Studies. *†One hour or more.*

Adviser of graduate study: Miss Bryson.

THE MAJOR

Advisers: Miss Bryson, Mr De Nood, Mrs Marsh, Mr Page.

Based preferably on 26, or on Social Science 192.

Essential Courses: eighteen semester hours above Grade II in sociology of which six must be taken for 1947-48 in 36a and 38b.

Optional Courses: other courses in sociology; appropriate courses in allied departments as approved by the adviser.

Honors

Director: Mrs Marsh.

Prerequisite: 26. Candidates are urged to take introductory courses in as many departments in Group IV as their programs will permit.

Program: units, seminars, and courses, including at least six hours in systematic sociological theory, both European and American, preferably in Junior year; six hours for a long paper in first semester of Senior year; three hours for directed reading and review in the second; and twelve additional hours in sociology.

Examinations: one in theory and two in the fields of concentration which may also include sociological theory.

Units

American Sociological Theory. Miss Bryson.
 European Sociological Theory. Mr De Nood.
 Expansion of Western Culture. Mrs Marsh.
 Social Stratification. Mr Page.
 Social Anthropology. Miss Bryson.

The units will count for three or six hours each.
 Other units may be offered upon request.

SPANISH AND PORTUGUESE LANGUAGES AND LITERATURES

PROFESSORS:	RUTH LEE KENNEDY, PH.D. JOAQUÍN CASALDUERO, DOCTOR EN FILOSOFÍA Y LETRAS
ASSOCIATE PROFESSORS:	†ELIZABETH ANDROS FOSTER, PH.D. MIGUEL ZAPATA Y TORRES, PH.D.
	**KATHERINE REDING WHITMORE, DOCTORA DE LA UNIVERSIDAD DE MADRID
	‡HELEN JEANNETTE PEIRCE, A.M. (1st sem.)
ASSISTANT PROFESSORS:	JUSTA ARROYO LÓPEZ-REY, A.M. ESTHER BERTHA SYLVIA, D.M.L., <i>Chairman</i>
INSTRUCTORS:	‡JOAQUINA NAVARRO, A.M. (2d sem.) MELBA MANERO, DOCTORA EN FILOSOFÍA Y LETRAS DENAH LEVY, A.M. †BEATRICE P. PATT, PH.D. HANNAH ESTERMANN, A.M.

The courses which may be taken to fulfill the distribution requirement in Group A are 25, 26.

Students planning to take the Spanish or the Latin-American major, who have entered with only two units of an inflected language, will be required to take Latin 12a, Greek 12a, or six hours of the classics in translation: Greek 18a, Latin 18b, 28. The following additional preparation is recommended for those intending (1) to major in Spanish: Latin 14a and b, a reading knowledge of French or Italian, English 21, History 11 or 13; (2) to do Honors work: Latin 14a and b, a reading knowledge of French, History 325a and b or the equivalent, a general knowledge of English literature.

PORTUGUESE

- [21. Elementary Portuguese. Prerequisite, two years of Spanish or by permission of the instructor. *Three hours each semester.* Th F S 9. Miss Peirce.]
 [22a], 22b. Reading of Modern Portuguese Prose. Prerequisite, 21. †*One hour.*
 Miss Peirce.

SPANISH

A. Language

11. Elementary Course. *Three hours each semester.* M T W 11, Th F S 9. Miss Manero, Miss Estermann. (I)
 11D. Elementary Course, covering the work of two years. Seven class hours. *Six hours each semester.* M T W Th F S 9, 11, 12 and one hour from M, T 2, 3. Members of the Department. (I)

12. Intermediate Course. Grammar review and reading of modern prose. Prerequisite, two units in Spanish or 11. *Three hours each semester.* M T W 9, 10; Th F S 9, 11. Members of the Department. (I)

21. Prose Composition. Prerequisite, four units in Spanish, 11D, 12, 16, or by permission. *Three hours each semester.* W Th F 2. Miss Sylvia, Miss Levy. (I)

31a. Advanced Prose Composition. Prerequisite, 21. *Three hours.* Th F S 10. Mr Zapata.

32a. Teachers' Course. Review of Spanish grammar. Discussion of methods. Practice teaching. \dagger *Three hours.* Miss Kennedy.

[**33a, 33b.** Advanced Translation into English. The material to be translated will be taken from current publications, letters, technical articles. *Three hours.* Th F S 12. Miss Foster.]

B. Conversation

13a. Conversation. Prerequisite, two or three units in Spanish or 11. This course must be taken in connection with another course in the Department. Two class hours. *One hour.* M T 2. Miss Manero.

13b. Repetition of 13a. Students who are taking 11 may enter this course.

23a. Conversation. Prerequisite, 13a or b, 11D, or 12. This course may not be counted in the minimum if taken alone. Two class hours. *One hour.* M T 3. Miss Manero.

23b. Repetition of 23a. Students who are taking 12 may enter this course.

C. Literature

The prerequisite for courses of Grade III in this Division is 25, 26, or permission.

[General Literature 291.]

16. Reading of texts to form a basis for a study of some aspects of Spanish life and culture. Prerequisite, three units in Spanish. *Three hours each semester.* M T W 10; Th F S 10, 11. Members of the Department. (I and II)

25. Reading of Modern Novels and Plays. Prerequisite, four units in Spanish, 11D, 12, 16, or by permission. *Three hours each semester.* M T W 11; Th F S 9, 12. Mr Casalduero, Mrs López-Rey, Miss Levy. (I and II)

26. Survey of Spanish Literature. Lectures in Spanish; collateral reading in English and Spanish. Prerequisite, four units in Spanish, 11D, 12, 16, or by permission. *Three hours each semester.* M T W 11. Miss Sylvia. (II)

27. Reading and Appreciation of Spanish Poetry. Special stress will be laid on oral reading. For students who have passed 12 or have passed or are taking 21, 25, or 26. \dagger Two class hours. *One hour each semester.* Mrs Whitmore. (II)

34a. Prose Literature of the Seventeenth Century. Cervantes, *Don Quijote* in part, and some of the *Novelas ejemplares*. *Three hours.* M T W 12. Mr Casalduero.

34b. Dramatic Literature of the Seventeenth Century. *Three hours.* M T W 12. Miss Kennedy.

35b. Spanish Culture and Civilization. *Three hours.* M T W 2. Mr Casalduero.

[**36a, 36b.** Spanish Literature of the Nineteenth Century. 36a, the essay; 36b, the novel. To alternate with 37a and b. *Three hours.* M T W 11. Mrs Whitmore.]

37a, 37b. Spanish Literature of the Nineteenth Century. 37a, the drama; 37b, poetry. To alternate with 36a and b. *Three hours.* M T W 10. Mr Casalduero.

38b. Masterpieces of Spanish Literature to the beginning of the seventeenth century: *Poema del Cid, Libro de buen amor, La Celestina*, etc. *Three hours.* Th F S 10. Mr Zapata.

310a, 310b. South American Literature. A study of representative works and authors from the colonial period to the present. It is strongly recommended that History 13 or 325a and b be taken by students electing the course. *Three hours.* M T W 2. Miss Sylvia, Miss Peirce.

41, 41a, 41b. Special studies arranged in consultation with the Department. For Seniors; for Juniors by permission. *†One hour or more.*

D. Graduate Courses

Students who wish to do graduate work in the Department are required to have a knowledge of Latin.

50, 50a, 50b. Research and Thesis. *Three or six hours.*

51, 51a, 51b. Advanced studies in Spanish literature, arranged in consultation with the adviser of graduate study. *†One hour or more.*

52. Spanish Historical Grammar. *†Two hours each semester.* Mr Zapata.

53. Old Spanish Readings. *†One hour each semester.* Mr Zapata.

Adviser of graduate study: Miss Kennedy.

THE MAJORS

Adviser: Mr Zapata.

A. The Spanish Major

Based on 11D, 12, or 16.

Essential Courses: from Division A, 21 and 31a; from Division C, 34a and b.

Optional Courses: other Spanish courses above Grade I except 23a and b.

With the consent of the adviser a student may substitute for one course in the major subject a closely related course in another department.

B. The Latin-American Major

Based on 11D, 12, or 16.

Essential Courses: 26, 310a, 310b; History 325a and b.

Optional Courses: 21, 31a, any Grade III course from Division C; Portuguese 21, 22a and b; History 420b; Geology 32b; Sociology 34b; Art 324b; with the consent of the adviser any course of Grade III or IV treating some phase of Latin-American civilization.

Honors

Director: Mr Zapata.

Prerequisites: 11D or the equivalent; 25 or 26 and, if possible, 21.

Program:

Minimum requirement: one unit in language in first semester of Junior and Senior years; a paper and review in Senior year.

Optional courses or units to be selected in consultation with the director.

Examinations:

1. In Spanish: to test ability to use the language.
2. In English: (a) on the whole field; (b) on a special field; (c) on a great writer not of the special field.

Units

Juan Ruiz; Garcilaso de la Vega; Cervantes; Lope de Vega; Tirso de Molina; Larra; Galdós; Unamuno.

SPEECH

PROFESSOR: VERA A. SICKELS, A.M., *Chairman*

ASSOCIATE PROFESSOR: LIZBETH R. LAUGHTON, B.A.

ASSISTANT PROFESSOR: MARY HEDWIG ARBENZ, A.M.

A survey of the speech of Freshmen and advanced standing students is made at a stated time during their first year. The individual tests are designed to show not only speech difficulties and defects but also creative and artistic ability. On the basis of the test each student is advised concerning courses which should best suit her own needs. Students found to have difficulties such as careless articulation, lack of force, unpleasant voice quality, inability to read aloud or speak effectively are urged to avail themselves as soon as possible of the opportunity offered for overcoming these handicaps.

11, 12a or b, 13, or 14 is the prerequisite for courses above Grade I.

11. General Course. Practical and theoretical course including elementary voice science, applied phonetics as a basis for analysis of speech sounds and pronunciation, practical individual training in improving voice quality and developing distinct articulation, and the theory and practice of effective reading and speaking before an audience. *Three hours each semester.* M T W 9, 11; Th F S 10, 11. Members of the Department. (II)

12a or b. A one-semester general course. *Three hours.* M T W 3. Miss Sickels.

13. Fundamental course: Public Speaking. A course similar to 11, with emphasis on public speaking. *Three hours each semester.* M T W 11. Miss Arbenz. (II)

14. Fundamental course: Drama. A course similar to 11 for students whose main interest is in the field of drama. By permission of the instructor for those students who have had some previous training or are otherwise qualified. *Three hours each semester.* M T W 9, Th F S 11. Miss Laughton. (II)

21. Oral Interpretation of Literature. Study of various types of literature for oral presentation, with emphasis on poetry, narrative prose, and poetic drama. *Three hours each semester.* M T W 12. Miss Sickels. (II)

22a, 22b. Voice Training. Practical course in the development of voice. *One hour.* Th 12, 2. Miss Sickels. (II)

[**23a, 23b. Public Speaking.** Organization and delivery of various types of speeches for formal and informal occasions. *Three hours.* M T W 12. (II)]

25a, 25b. Play Reading. Individual and group practice in the interpretation of lines and scenes from the main periods of dramatic literature. *Three hours.* M T W 10. Miss Sickels, Miss Laughton (II)

- 28.** Phonetics for Foreign Students. Formation of English speech sounds, their distribution in connected speech, stress, intonation, and rhythm. †Two class hours. *One hour each semester.* Miss Laughton.
- 31a, 31b.** Radio. Preparation and production of radio programs: plays, interviews, talks, and news reporting. Four class hours to be chosen from M T W Th F 4-6. *Three hours.* Miss Arbenz.
- 34.** Presentation of Dramatic Material. Principles of stage action, pantomime, and style and manner of delivery, through acting and directing scenes from plays of various types and periods. *Three hours each semester.* M T W 12. Miss Laughton.
- [**35.** Advanced Play Reading. Analysis of character, structure, rhythm, and mood of plays from various types of modern drama, beginning with the later plays of Ibsen, and including Strindberg, Molnar, Wilde, and Shaw. Prerequisite, a course of Grade II in speech. *Three hours each semester.* M T W 10. Miss Laughton.]
- 41a, 41b.** Special Studies. For Seniors by permission of the Department. †*One hour or more.*
- 44a, 44b.** Acting. Laboratory presentation of directed scenes from contemporary drama for practice in the analysis and creation of characters. Prerequisite, 34 or the equivalent. Four class hours. *Three hours.* Th F 10-12 or 11-1. Miss Sickels.
- [**48.** Teachers' Course. General review, with special reference to the pedagogy of voice and speech. Observation and directed practice teaching. Prerequisites, 21 and one other course in speech above Grade I. *Three hours each semester.* Th 4-6 and two hours of observation to be arranged. Miss Sickels.]

THEATRE

PROFESSOR:	HALLIE FLANAGAN DAVIS, A.M., L.H.D., <i>Director</i>
TECHNICAL DIRECTOR:	DENTON M. SNYDER, M.A.
ASSOCIATE PROFESSORS:	†EDITH BURNETT, B.S. (Dance) FRANK DAY TUTTLE, M.F.A.
VISITING LECTURER:	JOHN REICH, PH.D.
INSTRUCTORS:	LINDA LOCKE (Dance) IRIS MABRY, A.B. (Dance)

TEACHING FELLOW AND

TECHNICAL ASSISTANT: HARRY BRILL MILLER, A.B.

TEACHING FELLOWS: JOHNNY FAE NELSON, A.B.
SARAH ANDERSON RICHARDS, A.B.

The courses which may be taken to fulfill the distribution requirement in Group B are 11a, 11b.

- 11a.** Introduction to Theatre. The place of the theatre in the life of man and in the art and society of his time. Analysis of basic elements of theatre: play, direction, acting, design. Lectures and discussion. *Three hours.* M T W 11. Mr Tuttle and members of the Department. (II)

- 11b. Introduction to Theatre. Origin, development, and relation of drama to theatrical conditions of various periods. Lectures and discussion. *Three hours.* Hours and instructors as in 11a. (II)
12. Fundamentals of Movement for Acting and Dance. *One hour each semester.* Lec. W 10 or 2; one supervised practice hour to be arranged. Miss Locke.
22. Survey of Dance. Technique, history, rhythmic analysis, and composition. One public production. By permission of the instructor in charge. *Three hours each semester.* Lec. W 9; four supervised practice hours to be arranged. Miss Locke, Miss Mabry.
31. Play production. Study and laboratory work necessary for presentation of several productions a year, illustrating co-ordination of writing, acting, design, and stagecraft, accompanied by classwork in these fields. For Juniors taking the major; for others by permission of the Department. *Six hours each semester.* M T W 2-4. Mrs Davis, Mr Snyder, Mr Tuttle, Mr Reich, Mr Miller.
- [32a, 32b. Radio. Study and practice in the preparation of radio scripts. Prerequisite, Speech 31a or b. *†Three hours.*]
- [33. Principles and Technique of the Documentary Film. Lectures and discussion in connection with the showing of documentary films from the Museum of Modern Art and elsewhere. The writing and production of a short, one-reel film. Open to Juniors and Seniors in the Department; to others by permission of the Department. *Three hours each semester.* T 5 Th 2-4. Mrs Davis, Mr Snyder, and outside lecturers.
- NOTE.—This course is sponsored by The Motion Picture Foundation for Colleges and Universities.
- 35b. Script Editing for the Stage. A study of special forms of dramatic composition: the "living newspaper" and the film script, with practice in writing scripts and in preparing them for production. *†Three hours.*
- 41, 41a, 41b. Special Studies. Acting, directing, lighting, design, stagecraft, playwriting, choreography. *†One hour or more.*
43. Advanced Play Production. A course in which students will continue their studies in writing, acting, design, and stagecraft, and will work in an apprentice relationship with the producer in staging the Department's season of plays. For Seniors. Prerequisite, 31. *Six hours each semester.* M T W 2-4. Members of the Department.
50. Research and Thesis. *Three or six hours.*
- 51, 51a, 51b. Advanced studies arranged in consultation with the Department. *†One hour or more.*
52. Rehearsal and Production. Theory and practice on three department productions; advanced work in direction, acting, lighting, and stage design. *Three or six hours each semester.*

INTERDEPARTMENTAL MAJOR

Advisers: Mrs Davis and members of the Department.

Based on 11a and b.

Essential Courses: 31 and 43; Speech 11 or 14; Theatre 12 or 22. It is advisable for students to have met the speech and dance requirements by the end of Sophomore year.

In addition at least six hours from the following: Theatre 32a, 32b, 35b; English 312a, 345a, 345b; Speech 25a, 25b, 34, 44a, 44b; or courses in other departments approved by the adviser.

Honors

Director: Mrs Davis or a designated member of the Interdepartmental Major staff.
Prerequisites: see the requirements for entrance to the major.

Program: the requirements will consist of (1) Junior year, 31; Senior year, 43. Students may combine this basic work with courses totaling at least fifteen hours in art, English, languages, music, speech, theatre, or any other field approved by the director. (2) An independent piece of work counting for six hours which may take the form of a thesis in the literature, art, or history of the theatre; an original play; creative work in design, acting, direction, or stagecraft.

Examinations: two written and one oral along the following lines: historical, theoretical and literary, technical.

ZOOLOGY

PROFESSORS:	*HOWARD MADISON PARSHLEY, S.D., <i>Chairman</i>
	MYRA MELISSA SAMPSON, PH.D.
	ERNEST CHARLES DRIVER, PH.D.
ASSOCIATE PROFESSORS:	LOIS EVELYN TE WINKEL, PH.D.
	ESTHER CARPENTER, PH.D.
	ELIZABETH SANDERS HOBBS, D.S.C.
ASSISTANT PROFESSOR:	S. MERYL ROSE, PH.D.
INSTRUCTORS:	B. ELIZABETH HORNER, A.M.
	ANNA LOUISE DUNHAM, PH.D.
	BARBARA HOPKINS LEONARD, M.S.
TEACHING FELLOWS:	MARJORIE CATHARINE BOWMAN, M.A.
	JANE MORGAN, B.S.
	MERA VELEDA MUNN RIDDELL, B.S.
	DOROTHY H. DRISCOLL, S.B.
	SHU-CHIN SHEN, A.M.

The courses which may be taken to fulfill the distribution requirement in Group G are 11, 12, Biological Science 195.

Students planning to major in zoology are advised to take 11 in Freshman year and to have a knowledge of general botany or chemistry and a reading knowledge of German. Chemistry, physics, and German are required by many graduate schools. See also preparation required for Honors work.

Biological Science 195.

1. General Zoology. Introduction to the study of animals, including the fundamental principles of biology and a comprehensive survey of the animal kingdom. Laboratory work consists of dissection, experiments, and practice in the use of the microscope. Two lectures and two two-hour laboratory periods. *Three hours each semester.* Lec. Th F 2. Lab. A, M T 9; Lab. B, M T 11; Lab. C, M T 2; Lab. D, M T 11; Lab. E, Th F 9; Lab. F, Th F 11; (Lab. G, Th F 11); (Lab. H, M T 9). Mr Parshley, Miss Carpenter, Mrs Hobbs, Miss Dunham. (III I)
12. Anatomy and Physiology of Man and Other Mammals. Laboratory work includes study of the human skeleton, of the muscles, nervous system, and viscera

of other mammals, and microscopic study of tissues and organs. Two lectures and two two-hour laboratory periods. *Three hours each semester.* Lec. Th F 11. Lab. A, M T 9; Lab. B, M T 11; Lab. C, M T 2; Lab. D, Th F 9; Lab. E, Th F 2. Miss Sampson, Mr Rose, Miss Leonard, Miss Bowman, Miss Shen. (III 1)

22. Comparative Anatomy of Vertebrates. Comparison and probable evolution of structures in a series of chordates from *Amphioxus* to mammal. Prerequisite, 11 or 12; open to geology majors by permission of the instructor. Two lectures and two two-hour laboratory periods. *Three hours each semester.* Lec. M T 11; Lab. M T 2, Th F 9. Mr Driver, Miss Horner (Director), Miss Morgan. (III 1)

[31a. Nutrition. Human nutrition and its relation to the composition, supply, selection, preparation, and cost of food. By permission of the instructor. Lectures and demonstrations. *Three hours.* Th F 9-11. Miss Sampson.]

32. General Physiology. Experimental study of animal functions, their inter-relations and their regulation. For students who have passed 12 or have passed or are taking 22, and Chemistry 11 or the equivalent. Two lectures and two two-hour laboratory periods. *Three hours each semester.* Lec. M 9 and 10; Lab. (M T 2), T W 9, (Th F 3). Miss Sampson, Miss Bowman.

33. General Embryology. Development of animals, with particular reference to vertebrates. For students who have passed 12 or have passed or are taking 22. Two lectures and four hours of laboratory. *Three hours each semester.* Lec. Th F 2; Lab. Th F 3-5, (M T 2-4). Miss Te Winkel.

[34a. Entomology. Introductory study of insects, with field trips. Prerequisite, 11. *Three hours.* Th F 11-1 and two hours of independent work. Mr Parshley.]

36. Genetics and Eugenics. Principles of reproduction and heredity, with economic and eugenic applications. Prerequisite, a course of Grade I in zoology or botany, and for Sophomores permission; open to students majoring in sociology or education by permission of the instructor. Two lectures, one two-hour laboratory period, and two hours of independent work. *Three hours each semester.* Lec. Th F 10; Lab. Th 3, (F 3). Miss Leonard (1st sem.), Mr Parshley (2d sem.). (III 1)

37. Normal Histology. Microscopic study of animal tissues and organs, with practice in the more usual methods of histological technic. Prerequisite, 12 or 22. *Three hours each semester.* Lec. Th 9; Dem. F 9; Lab. Th 11-1 and F 11-1 or T 2-4. Miss Carpenter.

38. Animal Taxonomy and Ecology. Field and laboratory work on animal identification and habits. Lectures on early American naturalists, methods of nature study, and wild-life conservation. Prerequisite, 11; open to botany majors by permission of the instructor. Two lectures and four hours of laboratory or field work. *Three hours each semester.* Lec. M T 2; Lab. M T 3-5. Mr Driver.

311b. Protozoology. Free living and parasitic Protozoa and their relationships to other animals including man. Prerequisite, 11 or 12. *Three hours.* Th F 11-1 and two hours of independent work. Mrs Hobbs.

41, 41a, 41b. Special Studies. Problems not dealt with in other courses in the Department. For Seniors by permission of the Department; for Juniors by permission. *Two hours or more.*

42b. Advanced Physiology. Properties and functions of products synthesized by living organisms, including enzymes, hormones, vitamins, and other specific substances. Prerequisites, 32 and Chemistry 31. One lecture and five hours of laboratory. *Three hours.* Lec. F 2; Lab. Th 2-5 F 3-5. Miss Sampson, Miss Bowman.

[**43a.** Development of Zoological Concepts. Study of man's continuous effort to analyze and reduce to system the knowledge of living organisms and to interpret the phenomenon of life, with special attention to the development of the concept of species and theories of evolution. Open, by permission of the instructor, to students not majoring in zoology. *Three hours.* Mr Driver.]

Research Courses

In these courses the work is individual and involves, in addition to the laboratory work upon which it is based, extensive reading and conferences with the instructor at stated intervals. A reading knowledge of French and German is desirable.
†*Two hours or more each semester.*

50, 50a, 50b. Research and Thesis. *Three or six hours.*

52a, 52b. Embryology. Prerequisite, 33. Mr Rose.

53. Anatomy (prerequisite, 22) or Ecology (prerequisite, 38). Mr Driver, Miss Horner.

54. Seminar. Recent Advances in Zoology. Reading and individual reports.
†*One hour each semester.*

56. Entomology. Prerequisite, 34a. Mr Parshley.

57, 57a, 57b. Physiology. Prerequisite, 32. Miss Sampson.

58a, 58b. Histology and Cytology (prerequisite, 37) or **58.** Tissue Culture (prerequisites, 37 and Bacteriology 22). Miss Carpenter.

59. Genetics. Prerequisite, 36. Mr Parshley, Mr Driver.

NOTE.—See also Botany S 53, 54a and b, 55.

510. Protozoology. Prerequisite, 311b. Mrs Hobbs.

Adviser of graduate study: Miss Sampson.

THE MAJOR

Advisers: Mr Parshley, Miss Sampson, Mr Driver, Miss Te Winkel.

Based on 11 or 12. If based on 12, 11 must be taken later.

Essential Courses: 22. Twelve of the eighteen semester hours required in the Department must be above Grade II.

Optional Courses: other courses in zoology; courses in botany, chemistry, geology, physics, psychology with the approval of the adviser; Economics 38; Bacteriology 22, 34; Physical Education 43b.

Honors

Director: Miss Carpenter.

Prerequisites: 11 and 22; Chemistry 11 or its equivalent. Normally these courses should be taken before Junior year.

Program:

Requirements: 32, 33, 43a, and three additional hours in zoology; three hours on a problem or paper; three hours of directed reading and review.

Optional courses approved by the director.

Examinations: two will cover the general field; the third may be of a specialized character.

INTERDEPARTMENTAL MAJORS

In addition to the departmental majors there are interdepartmental majors in which courses offered by different departments are focused on a certain field of study. The work is so arranged that it covers four years instead of two. Students are expected to fulfill the general college requirements for the first two years. Interdepartmental majors are offered in the following: American Civilization; Architecture and Landscape Architecture; Sciences, including Bacteriology, Physiological Chemistry, and Premedical Science; Theatre.

AMERICAN CIVILIZATION

In this major certain courses, offered by different departments but dealing in every case with some aspect of life in the United States, are brought together for the sake of making possible a more unified and significant view of American culture than could otherwise be gained.

Based on History 11 or 13; English 21 or the equivalent as approved by the adviser.

Philosophy 11 or 24, Art 11, and Music 13 are recommended.

Essential Courses: at least nine semester hours in history, six in American literature, three in art or music, and six in philosophy, education, religion, government, or sociology chosen from the following:

History 28, 29, 320a, 321a and b, 414a and b, 415a and b, 56a, 57a.

English 329, 416a and b, 417b, 512a or b.

Art 325a and b, 329a; Education 36b; Government 324b; Music 318b; Philosophy 310a; Religion 32b; Sociology 311b.

Optional Courses: courses from the list above; Art 37; Economics 32; French 312a; Geology 13, 33a, 33b; Government 21, 33b, 34a, 34b, 39a; History 325a and b, 420b; Religion 37; Sociology 35a, 36a.

Adviser: Mr Cross.

Honors

Director: Mr Cross.

Program: students must fulfill the distribution requirement of the major. All candidates will take a minimum of eighteen hours in units or seminars, including (1) directed reading (three hours) second semester of Junior year, (2) an integrating unit (six hours) second semester of Senior year, and (3) a paper (three hours) written in first semester of Senior year.

Examinations: one general testing the candidate's understanding of American cultural history as an integrated whole; one on the concrete interrelationship of two fields included in the major; one based on the investigation of specific topics assigned in advance.

ARCHITECTURE AND LANDSCAPE ARCHITECTURE

This major is planned for students who have a special interest in these subjects and for those who expect to make them a profession. They are so interrelated that

some professional schools require study in both fields in preparing for either profession. Advanced credit is allowed in certain of these schools to those who have taken this major.

Based on Art 11. Art 13 and Botany 27 are advised.

Essential Courses: Art 35a and 36b, 37, 339, 341; Botany 38a and b.

Suggested electives: Art 212, 39a, 329a, 41, 41a, 41b; Botany 11, 22b, 33b; Geology 26; Mathematics 12 or 13; Sociology 31a; French or German.

Adviser: Miss Koch or Mr Putnam.

Honors

Director: Miss Koch.

Examinations: one will be the solution of a project to test the student's ability in the technical field; one her scholarship in the history of architecture and of landscape architecture; one will comprise essay questions of a general nature treating several fields together.

SCIENCE

The interdepartmental majors in science are designed as preparation for (1) professional schools such as medicine, public health, or nursing; (2) graduate study in those fields which involve a thorough knowledge of more than one science, e.g. biochemistry, biophysics, or bacteriology; (3) laboratory work. Because it is advantageous to have basic training in chemistry, physics, zoology, and mathematics it is urged that the student see the advisers of these majors as early as possible in Freshman year.

Students planning to enter schools of nursing may consult Miss Sampson for information concerning entrance requirements for these schools.

BACTERIOLOGY

Essential Courses: Chemistry 11 or 12, 21a and b or 23, 31; Bacteriology 22, 34; Zoology 12.

Optional Courses: courses in chemistry, bacteriology, physics, zoology, or mathematics approved by the adviser, Miss E. V. Smith.

Honors

Director: Miss Smith.

Prerequisites, normally taken before Junior year: Bacteriology 22; Chemistry 21a and b or 23; Zoology 12.

Program:

Requirements: Bacteriology 34, 43a; Chemistry 31; Mathematics 12 or 13; three hours throughout Senior year on individual work, directed reading, and review.

Optional Courses: courses in chemistry, zoology, bacteriology, physics, or mathematics approved by the director.

Examinations: one in chemistry, one in bacteriology, one selected according to the student's program.

PHYSIOLOGICAL CHEMISTRY

Essential Courses: Bacteriology 22; Chemistry 11 or 12, 21a and b or 23, 31, 42a; Zoology 12 or 22, 32, 42b.

Optional Courses: other courses in chemistry, bacteriology, zoology, physics, mathematics, or Botany 37b with the approval of the adviser, Miss Burt.

Honors

Director: Miss Burt.

Prerequisites, normally taken before Junior year: Chemistry 21a and b or 23; Mathematics 12 or 13; Zoology 12.

Program:

Requirements: Bacteriology 22; Chemistry 31, 42a; Physics 11 or 21; Zoology 32, 42b; three hours throughout Senior year on a problem, paper, reading, and review.

Optional Courses: courses in chemistry, physics, bacteriology, zoology, mathematics, or other related fields by permission of the director.

Examinations: one in chemistry, one in physiology, one selected according to the student's program.

PREMEDICAL SCIENCE

The courses listed represent the minimum requirement for entrance to most medical schools, but as these differ from one another it is advisable for students to decide in the spring of Freshman year which school they plan to enter and include any additional courses necessary. Thirty hours in the major are required in the three upper years of which eighteen must be above Grade II.

Essential Courses: Chemistry 11 or 12, 21a and b or 23, 31; Physics 11 or 21; Zoology 11 or Biological Science 195, 22; a college course or its equivalent in German, French, or Spanish.

Optional Courses: other courses in chemistry, physics, mathematics, or zoology. Sociology 32b or Psychology 46 may be substituted with the permission of the adviser, Miss Te Winkel.

Students may also prepare for medical schools by majoring in any department, if they include in their schedules the courses suggested above as the minimum requirement. They may consult the adviser of this major about their choice of courses.

Honors

Director: Miss Te Winkel.

Prerequisites, normally taken before Junior year: Chemistry 21a and b or 23; Physics 11 or 21; Zoology 11 or Biological Science 195; a college course or its equivalent in German, French, or Spanish.

Program:

Requirements: Chemistry 31; Mathematics 12 or 13; Zoology 22; three hours throughout Senior year on individual work, directed reading, and review.

Optional Courses: courses in chemistry, physics, zoology, mathematics, or bacteriology. Sociology 32b or Psychology 46 may be substituted with the permission of the director.

Examinations: one in chemistry, one in zoology, one selected according to the student's program.

THEATRE

The Interdepartmental Major may be found in the offering of the Theatre Department.

GRADUATE STUDY

SMITH COLLEGE offers graduate work leading to the degrees of Master of Arts, Master of Education, Master of Science in Physical Education, and Doctor of Philosophy. Work for the degrees of Master of Arts or Master of Education may be combined with work for the Diploma for Teachers of Physical Education (see page 133). Advanced instruction is available in practically all departments of the college, and in the interdepartmental fields of bacteriology and genetics.

Graduate courses are open to men as well as to women students. Graduates of any college of approved standing may receive instruction without reference to the attainment of an advanced degree.

ADMISSION

Correspondence should be addressed to the Executive Secretary to the Committee on Graduate Study, College Hall 21.

Every candidate for admission as a graduate student should fill out an application form which is furnished on request, and present evidence of fitness for graduate work, including an official transcript of the undergraduate record. In addition the candidate is urged to take the Graduate Record Examination administered by the Carnegie Foundation for the Advancement of Teaching* and to present a report of her achievement to the Committee on Graduate Study at Smith College. Application should ordinarily be made in the spring of the year preceding registration. This regulation applies to teaching fellows and assistants as well as to other graduate students. Students who fail to make proper application in advance run the risk of being denied admission at the time of registration. Candidates for the degree of Master of Education should also correspond in advance with the chairman of the Department of Education and Child Study, and candidates for the degree of Master of Science in Physical Education with the Director of Physical Education. Students who wish to do graduate work in music and who have not had their undergraduate work at Smith College are required to take a placement test on the day before the opening of college. Arrangements should be made with the Department.

Graduate students should register in the office of the Committee on Graduate Study at the opening of the college year. At this time they will receive blank course cards which are to be filled out after consultation with the chairman of the departmental committee on graduate work, and returned to the office within one week. Special permission must be obtained for delay in returning these cards. After the program has been arranged a student wishing to make changes must receive written permission through the office of the Committee.

REQUIREMENTS OF ADMISSION TO CANDIDACY FOR ADVANCED DEGREES

To be admitted as a candidate for a degree an applicant must have received her baccalaureate degree from a college or university of recognized standing, have

* Candidates should correspond with the Graduate Record Examination, 437 West 59th Street, New York 19 for information concerning the nature of this examination and the dates and location of its administration.

fulfilled the requirements for a Smith College undergraduate major or its equivalent in the field in which the degree is to be received, and must show promise of ability satisfactorily to pursue advanced study and research. A statement of the requirements for a major (consisting of thirty semester hours with at least eighteen in the department of the major and at least eighteen of Grade III or IV) is given following the list of courses in each department. Each student is expected to familiarize herself with that statement, and in case of doubt to make inquiries of the Committee on Graduate Study.

REQUIREMENTS FOR THE DEGREE OF MASTER OF ARTS

The course of study leading to the degree of Master of Arts must be planned under the direction of the department in which the degree is to be received. It may include six semester hours of related work in another department, provided the election is approved by the major department and by the instructor concerned. A minimum of twenty-four semester hours of work in residence is required, of which at least twelve including the thesis must be of Grade V. With the approval of the departmental committee the other twelve hours may be in undergraduate courses or seminars (Grade III or IV), but not more than six hours of Grade III are permitted. If the student's undergraduate course did not include the required prerequisites she will, as a rule, need more than one year to complete the work for this degree.

Candidates for this degree must offer evidence, satisfactory to the department of their major, of a reading knowledge of at least one foreign language commonly used in that field.

A thesis, which may show the result of research or be a careful review of a special subject, is required of each candidate for this degree. In either type of thesis the student is expected to show some originality, some ability to select, integrate, and evaluate the material pertaining to her subject. Normally it counts for three or six semester hours. The thesis must be submitted to the department by the first of May, accepted by the department, and presented to the Committee on Graduate Study by May 20. Two typewritten copies of the thesis in final form must be presented to the Committee for deposit in the College Library.

It is expected that work for this degree will be continuous and will be done in residence. The thesis may be completed *in absentia* only by special permission of the department and of the Committee. All work must be completed within a period of seven years from the date of enrollment of the candidate.

REQUIREMENTS FOR THE DEGREE OF MASTER OF EDUCATION

The selection of candidates for this degree is based on academic aptitude, personality, and general fitness for teaching. The general requirements are similar to the requirements for the degree of Master of Arts, with the exception that practice teaching and course work are substituted for the thesis, and that the required courses are distributed between education and the teaching field. Students must have had a major in their teaching field equivalent to the major in that field in Smith College; in case of a deficiency courses must be taken in addition to the minimum subject matter requirement. Students must also have had a minimum of nine semester hours in education including History of Education, Philosophy or Principles of Education, and Educational Psychology. In case of a deficiency in this

requirement examinations covering these subjects must be passed by the student before becoming a candidate.

Candidates for this degree will fall into groups, depending upon the type of teaching in which they wish to engage: (1) secondary school teachers in the academic fields; (2) teachers in nursery and elementary schools; (3) teachers of physical education. The course of study leading to a degree in these programs normally consists of thirty semester hours including work in the teaching field and practice teaching.

REQUIREMENTS FOR THE DEGREE OF MASTER OF SCIENCE IN PHYSICAL EDUCATION

This degree is planned for the student who is interested in entering the field of physical education after her college course. Those who qualify for the degree must have received a baccalaureate degree from a college or university of recognized standing, and have completed an undergraduate program similar to that required for the Bachelor's degree at Smith College, including the courses listed as prerequisites on page 133, and in addition courses in physical education and hygiene similar to those required for the Diploma for Teachers of Physical Education at Smith College or for the degree of Bachelor of Science in Physical Education at other colleges. The courses required for the Diploma may be taken in the first year of graduate study at Smith College. Candidates must show promise of ability satisfactorily to pursue advanced study and research. They must offer evidence satisfactory to the Department of a reading knowledge of at least one foreign language.

Students must complete with at least Graduate Credit thirty additional semester hours of work as described in the special pamphlet which may be procured from the Department of Physical Education. Ordinarily two years of full-time graduate study will be required for students with a major in a liberal arts field to complete the prerequisites and the requirements.

REQUIREMENTS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

The degree of Doctor of Philosophy is conferred in recognition of high scholarly attainments and of ability to carry on original research. Students will be accepted as candidates for this degree only after they have satisfied the department of their major by graduate work done at Smith College that they have ability for independent advanced study and investigation. This acceptance comes not earlier than the end of the first year of graduate work and may, at the discretion of the Committee on Graduate Study, be on the basis of qualifying examinations. This degree may not be granted to members of the Smith College Faculty above the rank of instructor.

The requirements for the degree are normally based upon the equivalent of three years of graduate work, of which at least one must be in residence at Smith College. Candidates should also have at least one semester of graduate study in residence at one of the larger universities or abroad. The requirements include (1) the fulfillment of the language requirements imposed by the department, (2) the satisfactory completion of work in the major and minor fields, (3) the presentation of an acceptable dissertation, (4) the passing of preliminary examinations, and (5) a final examination. The program of a student shall be directed by a special committee consisting of three members of the Faculty. They shall be chosen so as to represent the fields of study in the student's program, shall be selected by the graduate

committee of the department in consultation with the student, and shall be approved by the Committee on Graduate Study.

In general these requirements must be fulfilled in accordance with the following regulations, although variations, which must be approved by the Committee on Graduate Study, may be permitted according to the nature of the major subject and of the student's program.

THE LANGUAGE REQUIREMENT. Every candidate must demonstrate to her special committee, not later than October 15 of the second year of graduate work, her ability to use at least two foreign languages in the literature of her major study. One of these languages must be modern. (The Committee on Graduate Study interprets this to mean that the student must be able to use the language in her research; a literary translation is not necessary.)

THE MAJOR AND MINOR SUBJECTS. The course work must be in a major and two minor fields. If the major subject includes two well-defined fields one of these may serve as a minor.

THE DISSERTATION. Ordinarily it is written under the direction of a member of the special committee in charge of the student's program, and must represent at least one full year of research. The completed thesis must be approved in writing by all members of the special committee and must be submitted to the Committee on Graduate Instruction for approval at least two weeks before the date of the final examination.

It is expected that the completed thesis, a significant section, or a summary of the results will be published.

PRELIMINARY EXAMINATIONS. These examinations under the direction of the candidate's special committee must be passed not later than October 15 of the academic year in which the student expects to fulfill the requirements for the degree. They will consist of two or three written examinations and an oral one. The written ones must be taken within a two-week period.

FINAL EXAMINATION. This examination will be oral and will be in the general field of the thesis. It must be taken in the spring and not later than June first of the year in which the degree is to be awarded.

GENERAL REGULATIONS

Graduate students are expected to perform all required class exercises, including final examinations if given in a course. In courses of Grades IV and V they are graded as follows: Distinction, to be given rarely and then only in recognition of unusual excellence; Graduate Credit, defined as satisfactory for an advanced degree; Pass, defined as satisfactory for hours' credit but not for an advanced degree; Fail. In courses of Grade III or lower letter grades are used (see page 65).

Every student awarded a degree must have spent at least one full academic year, or the equivalent, in residence and study at Smith College as candidate for that degree.

Students receiving advanced degrees are expected to take their degrees in person at Commencement. Academic dress of the degree to be taken is worn; arrangements may be made through the graduate office. Degrees are seldom conferred *in absentia* and only with the permission of the Director of Graduate Study.

STUDENTS NOT CANDIDATES FOR AN ADVANCED DEGREE

College graduates who are not candidates for an advanced degree may, with the approval of the Committee on Graduate Study, take any of the courses regularly

offered. These students are expected to conform to the standards of attendance and of scholarship that are required of candidates for degrees, including the taking of final examinations.

TEACHING FELLOWS

Teaching fellows normally carry half-time graduate work, *i.e.* six hours each semester, and obtain a Master's degree in two years. The stipend is \$800 for the first year, \$900 for the second year, and tuition. The department in which the appointment is made expects assistance for not more than twenty hours a week. Applicants should obtain application forms from the graduate office, but should then address their correspondence to the chairman of the department in which they are prepared to work. Before appointments are made the chairmen of the departments concerned present the credentials of the applicants for admission as graduate students to the Director of Graduate Study for approval.

FELLOWSHIPS AND SCHOLARSHIPS

Seven fellowships covering board, room, and tuition, and four tuition scholarships have been established by the Trustees of Smith College for the encouragement of advanced work in the various departments of study. They are open to graduates of Smith College and to women graduates of other colleges of good standing. It is understood that holders of these fellowships will be candidates for an advanced degree at Smith College. They may be asked to render some assistance (not instruction) in the college. They are not to undertake remunerative employment unless special permission is obtained from the Director of Graduate Study. Applications for these fellowships must be sent with the proper credentials by March 1 to the office of the Committee, College Hall 21. Awards will be announced the first of April, and must be accepted on or before April 15.

The College offers to students from abroad several fellowships which include tuition, residence, board, and a cash stipend of \$100. The scholarships offered by the Department of Education and Child Study are also open to these students. All stipends are payable in two installments. Candidates should apply, if possible as early as November, to the Chairman of the Committee on the Exchange of Students with Foreign Countries, College Hall 21, Northampton, Massachusetts, for application forms and particulars of required credentials, and all applications should reach her not later than February 20.

The Department of Education and Child Study offers three scholarships covering tuition to college graduates who wish to prepare themselves for specialized work in education. In making the appointments the academic records, personal characteristics, general adaptability, and professional experience of the candidate will be considered. Applications should be made on or before March 1.

Three tuition scholarships are available to students in the Department of Physical Education. Applications should be made before March 1 to Miss Dorothy S. Ainsworth, chairman of that Department.

The Alumnae Association Fellowship fund of \$25,525 provides fellowships offered to members of the graduating class who are selected by the Committee on Graduate Study. The holders may study at Smith College or at some other approved institution.

The Smith Students' Aid Society offers annually two fellowships of \$700 each for graduate study. These fellowships are open to members of the graduating

class and to alumnae of not more than two years' standing. Application should be made before February 15 to Mrs. Elizabeth S. Hobbs, Williamsburg.

The Marjorie H. Nicolson Fellowship of \$1000 was established in 1934 by the Trustees, to be awarded by the Committee on Graduate Study for advanced study either at Smith College or at some other institution. This sum may be divided at the discretion of the Committee.

The Fanny Bullock Workman Scholarship fund of \$30,000, the income to be used annually for assisting one or two graduate students.

The Jean Fine Spahr Fellowship fund of \$10,000 for the endowment of a graduate fellowship or fellowships, the income to be awarded to graduates of Smith College for study at approved universities in the United States or abroad.

The Sarah Watkins Wilder and Sarah Wheaton Whipple Fellowship for Graduate Study in Zoology has been established as a fellowship for study at Smith College, or for Smith College graduates or teachers in the Zoology Department of Smith College for study in other institutions.

The Harriet Boyd Hawes Scholarship fund was established by the class of 1892 at its thirtieth reunion and has been increased to \$6400. The income is used for a scholarship at Smith College or, in the case of graduates or those who have been graduate students or members of the Faculty of Smith College, for study elsewhere in this country or abroad.

The Agnes Hunt Memorial fund of \$1000 has been founded by Mr. Nathan P. Hunt, the income to be used to aid any graduate student in the college pursuing advanced work in history.

Research fellowships are granted for work in various science departments as funds from Foundations are made available.

The Sophia Smith Honorary Fellowships without stipend have been established by the Trustees, to be awarded to students of fellowship standing who do not require financial aid.

The College is one of the institutions co-operating in the support of the American Schools of Classical Studies in Athens and Rome. The reports of these schools are sent regularly to the College, and graduates will be welcomed to all the privileges which the schools offer.

The sum of \$100 annually is contributed by the College toward the maintenance of the American School of Oriental Research in Jerusalem. Any Smith College graduate may enjoy the privileges of the school.

RESIDENCE

General information will be found on pages 40 and 41. Further information in regard to room and board may be obtained from the Warden.

Fort Hill House is the center of the social life for graduate students. Three other small dormitories are assigned to the graduate group. Holders of fellowships are required to live in one of these houses except by special arrangements with the Warden or the Director of Graduate Study. Other students, who desire, may arrange to live outside college houses, but their places of residence must have the approval of the Warden.

No college room may be engaged for a shorter time than one year.

The College expects students living in college houses to carry full-time programs.

EXPENSES

Tuition for full-time work, \$450 for the year.

Tuition for part-time work, \$20 a semester hour.

College graduates engaged in professional work in or near Northampton may take partial work at special rates. For particulars they should consult the Director of Graduate Study.

Late registration fee, \$5. Required for registration occurring more than one week after the opening of the semester.

Dormitory charge, \$650 for the year.

A deposit of \$50 is required from all students except Trustee or Foreign Fellows on or before September 1 of each year of residence. It will be applied to the second semester bill. In case of withdrawal, if notice in writing is filed with the Director of Graduate Study prior to September 1 with respect to the first semester or prior to December 1 for the second semester, the deposit will be refunded; otherwise it will be forfeited.

Diploma fees, for the Master's degree \$10; for the Doctor's degree, \$25.

SMITH COLLEGE SCHOOL FOR SOCIAL WORK

OFFICERS OF ADMINISTRATION AND INSTRUCTION

FLORENCE ROBERTS DAY, M.S.C. (SOC. ADMIN.), Director	Social Casework
EVERETT KIMBALL, PH.D., Director Emeritus	
ANNETTE GARRETT, A.M., M.S.S., Associate Director and Supervisor of Field Work	Social Casework
HELEN LELAND WITMER, PH.D., Supervisor of Social Research	Social Casework
ESTHER H. CLEMENCE, M.S.S., Assistant Supervisor of Field Work	Social Casework
MIRIAM P. HART, M.S.S., Assistant Supervisor of Field Work	Public Welfare
SOPHIE T. CAMBRIA, A.M., Assistant Supervisor of Social Research	
MALCOLM STINSON, A.M., Assistant Supervisor of Social Research	
ELIZABETH CLARK JOHNSON, S.B., Executive Secretary and Registrar	
HELEN P. LOTRECK, Secretarial Assistant	
DORIS A. DEC, Secretarial Assistant	

SAUL BERNSTEIN, M.S.	Group Work and Community Organization
FELIX DEUTSCH, M.D.	Psychiatry
FRANK J. HERTEL, M.S.C. (SOC. ADMIN.)	Administration
LEWIS B. HILL, M.D.	Psychiatry
MARY E. HURLBUTT, A.M.	Cultural Studies
ADELAIDE M. JOHNSON, PH.D., M.D.	Child Psychiatry
JOHN C. LEONARD, M.D.	Medicine
GEORGE E. LODGEN, A.B., LL.B.	Law
DOROTHY D. MUELLER, M.S.S.	Social Casework
ELIZABETH P. RICE, M.S.	Social Aspects of Medicine
IRMA RITTENHOUSE, A.B.	Economics
ROBERT A. YOUNG, ED.D.	Psychiatry and Clinical Psychology

SPECIAL LECTURERS

LYDIA G. DAWES, M.D.
CLAIRE C. MANWELL, M.D.
PAUL PHELPS, M.D.

ADVISORY MEMBERS

HERBERT DAVIS, M.A., LL.D.
LUCILLE N. AUSTIN, A.B.
ELEANOR COCKERILL, M.S.S.
FRANK J. HERTEL, M.S.C. (SOC. ADMIN.)
FLORENCE HOLLIS, M.S.S.
FREDERIKA NEUMANN, M.S.S.

LECTURERS, SUMMER SESSION, 1947

- Sibyl Clement Brown, Director, Course in Mental Hygiene, London School of Economics, London, England
Dr Felix Deutsch, Director, Psychiatry Clinic, Boston
Dr Franz Goldmann, Associate Professor of Medical Care, School of Public Health, Harvard University
Gordon Hamilton, Faculty Member, New York School of Social Work, New York
Dr David M. Levy, Psychoanalyst, New York
Dr Erich Lindemann, Chief, Outpatient Service, Department of Psychiatry, Massachusetts General Hospital
Melvin Tumin, Department of Sociology, Wayne University

AGENCIES CO-OPERATING DURING THE WINTER SESSION, 1947-48

- Boston Psychopathic Hospital, Boston
Bureau of Child Guidance, New York
Central Clinic, Cincinnati General Hospital
Child Guidance Clinic, University Hospital, Baltimore, Md.
Community Service Society, New York
Essex County Mental Hygiene Clinics, Cedar Grove, N. J.
Family and Children's Society, Baltimore, Md.
Family Service, Cincinnati, O.
Family Service, Memphis, Tenn.
Family Service, Milwaukee, Wis.
Family Service of Montgomery County, Dayton, O.
Family Service, New Haven, Ct.
Family Service of Scranton and Dunmore, Scranton, Pa.
Family Service Association, Washington, D. C.
Family Service Society, Hartford, Ct.
Family Society, Boston
Family Society, Philadelphia, Pa.
Family Welfare Association, Springfield
Guidance Institute of Berks County, Reading, Pa.
Hartley-Salmon Clinic, Hartford, Ct.
Institute for Juvenile Research, Chicago
James Jackson Putnam Children's Center, Roxbury
Jewish Board of Guardians, New York
Jewish Family Service Bureau, Cincinnati, O.
Judge Baker Guidance Center, Boston
Massachusetts General Hospital, Boston
Northern New Jersey Mental Hygiene Clinics, Greystone Park, N. J.
Pittsburgh Child Guidance Center, Pittsburgh, Pa.
Providence Child Guidance Clinic, Providence, R. I.
Rockland State Hospital, Orangeburg, N. Y.
St Christopher's School, Dobbs Ferry, N. Y.
United Charities, Chicago
Wayne County General Hospital and Consultation Center, Eloise and Detroit, Mich.
Winter Veterans Administration Hospital, Topeka, Kan.

ORGANIZATION OF THE SCHOOL

The Smith College School for Social Work was organized in 1918 as a graduate school in which to prepare psychiatric social workers for the war emergency. During 1918 and 1919 an intensive course of theory and a period of supervised practice were given to those who were graduated. These at once found their places in hospitals and social agencies. It was soon recognized that an approach to problems of social maladjustment through an understanding of the personalities involved was valid for every form of social casework. The Smith School therefore continued after the war emergency as a graduate professional school of social work and became a charter member of the American Association of Schools of Social Work.

The first decade of the growth of the School corresponded to the period when the mental hygiene movement was enlarging its scope to include not only the better care of cases of mental illness and mental defect, but prevention of delinquency and the development of child guidance clinics. Psychiatric social workers were eagerly sought for the casework staffs of hospitals and community clinics and to carry preventive mental hygiene into courts, schools, and the public services. Social casework is a professional service which requires scientific knowledge and disciplined skill. Competent practice calls for the exercise of judgment and discretion.

EDUCATIONAL PLAN

The educational plan of the Smith College School for Social Work is based on the premise that there is a basic core of knowledge and skill in social work which transcends the specializations. The educational program is so planned as to offer sound orientation in the broad aspects of social work and the development of professional competence in the practice of social casework. Graduates are prepared to hold casework positions in a wide variety of private and public agencies and to advance to supervisory and administrative responsibilities.

CLASSROOM INSTRUCTION

Academic study is designed to provide such knowledge from the disciplines of medicine, psychiatry, psychology, law, and the social sciences as is required for the practice of social work. The courses in the methods of social casework integrate this factual knowledge and develop the principles and skills inherent in practice. Other courses in the broad field of social work cover theory and method in such areas as public welfare, child welfare, group work, administration, and community organization. Basic considerations in carrying on research in social casework are reviewed in a course that serves as an introduction for individual work on a thesis.

In order to carry out this educational policy the curriculum consists of a relatively few units of instruction covering basic areas rather than being broken up into many elective courses. For example, the basic course in public welfare aims to develop a sound comprehension of the scope and objectives of the field and to give a working knowledge of the varied individual programs on the federal, state, and local levels as they operate to meet the total needs of individuals. In the same way the casework courses demonstrate the application of casework principles in family casework, child welfare, psychiatric social work, and medical social work.

Courses offered in any one term are planned as a sequence and to achieve a total integration. Emphasis is placed on the discussion rather than the lecture method

of teaching in the endeavor to train for independent and resourceful thinking. The educational process is strengthened by the fact that all the students live together on the campus of Smith College during the summer session and thereby are encouraged in continuous group thinking, mutual criticism, and discussion of the problems in the field of social work.

FIELD INSTRUCTION

Field work is an integral part of the curriculum, and academic credit is given for it. Students are assigned to agencies in small groups for a long and continuous practice period. This enables the student to become a participating member of the agency and community, and furthers the development of a professional attitude and point of view. Responsible participation under guidance during the field work gives opportunity to develop competence and self-reliance in casework practice.

Carefully selected and supervised reading is assigned to supplement and enrich the practice period in the field. In addition to individual instruction each agency is asked to offer a weekly seminar throughout the winter.

During the field work period thesis subjects are selected and worked on under the guidance of members of the School faculty. The preparation of a thesis is regarded as part of a student's training for a profession that looks to research for advancement of its theory and practice.

Continuous supervision from the School is maintained throughout the field work period by regular visits of faculty.

CURRICULUM

PLAN A

The School presents a program of three summer sessions in academic study on the Smith campus and two winter sessions in field work in agencies selected by and responsible to the School for the educational work. This program is designed for students without previous experience or training in social work.

PLAN B

This program covers two summer sessions of academic study at the School and an intervening nine-month winter session in field work. It is designed for students who have had adequate graduate preparation or satisfactory experience in an approved casework agency, and these students enter the course at Session III. Experience in allied fields may, in exceptional cases, be judged by the Committee on Admission as an equivalent.

PLAN C

Persons may enroll for a single summer session and may be assigned to courses in Session I or III, depending upon their previous preparation and experience. Full credit will be given toward the degree provided the student is accepted for readmission to complete the course within a period of two years. Students electing courses not prescribed for Session I or III will not be eligible for Session II or IV, respectively, upon reapplication.

The School *Catalogue* giving full details for the coming year will be sent upon request.

CONDITIONS OF ADMISSION

The Smith College School for Social Work is open to women graduates of ap-

proved colleges who have completed at least twenty semester hours in the social and biological sciences. Inquiries and applications for admission should be addressed to the Director, Smith College School for Social Work, Northampton.

SEMINARS

The School offers a series of seminars of two weeks each open to experienced social workers, and limited to twenty-five members. The seminars are conducted on the discussion method by the leaders four hours each morning for five days a week.

The fee for each seminar is \$85. A \$10 registration fee payable within one week of acceptance of the application is required in order to reserve a place. This fee will be applied to the charges of the seminar, but is not refunded in case the applicant does not attend.

DEGREES

The Trustees of Smith College, on the recommendation of the staff, grant the degree of Master of Social Science (M.S.S.) on the following conditions: (a) Completion of the period of residence, namely, a minimum of five quarters of full-time work. (b) Satisfactory completion of the courses required, unless exempted by examination when advanced work may be substituted. (c) Satisfactory completion of a thesis.

EXPENSES

Since the number of students that can be admitted is limited, a registration fee of \$10 payable within one week of acceptance of the application is required in order to reserve a place in the School. This fee is not refunded in case the applicant does not attend.

The fee for each summer session is \$350 which covers tuition, room, and board. For each winter session the fee is \$125.

During the periods of field work the students are personally responsible for their own maintenance and may not accept salaried positions.

Students should estimate between \$15 and \$25 for books for each session, and students in the last session from \$30 to \$50 for the typing of at least three copies of their theses.

SCHOLARSHIPS

Scholarship aid is available during the winter sessions. No award is made for the first session. Certain state hospitals offer internships which cover all living expenses of the students who are assigned to them for their field experience; other agencies grant a number of \$800 scholarships. A few larger scholarships are provided by agencies for students who will agree to accept employment after graduation. All applications should be made to the Director before April 1, 1948.

CALENDAR 1948-50

First Session	June to September, 1948
Second Session	September, 1948, to June, 1949
Third Session	June to September, 1949
Fourth Session	September, 1949, to June, 1950
Fifth Session	June to September, 1950

COURSES OF INSTRUCTION

SESSION I

10. The Field of Social Work. A course given by visiting lecturers who represent important social movements and activities.
120. Social Casework: I. A course which develops principles fundamental in the practice of social casework through discussion of case material from the several casework fields.
121. Social Casework: II. Continuation of 120.
130. Group Work. The principles and methods of group work as a basic approach in social work. The relationship of group work to casework, community organization, and other fields is explored.
140. Medical Information. The causes, symptoms, transmission, and theory of treatment of diseases; communicable diseases and their control. The function of the social worker in health problems.
150. The Psychological Development of the Normal Child. The emotional and social development of the child from birth through adolescence, with emphasis on the methods of measuring and evaluating intellectual growth and the clinical significance of mental measurements.
151. Preclinical Psychopathology. History, viewpoints, principles, and content of psychopathology.
- 151a. Clinical Psychopathology. Demonstrations of neurotics and psychotics at the Northampton State Hospital.
160. History and Organization of Social Work. An orientation to existing social welfare activities, presenting historically the growth of social agencies and the formulation of programs as they have developed in response to individual and community need.
161. Public Welfare Services: I. The responsibilities and interrelations of federal, state, and local governments in meeting social needs. Special attention will be given to the public assistance provisions and their relation to the social insurances.
180. Introduction to Community Organization. This course will develop an understanding of a social agency and the way in which its program and services are co-ordinated with other social agencies in the community.

SESSION II

220. Field Experience in Social Casework.
221. Readings in Casework, Psychiatry, Medicine, and Social Welfare.

SESSION III

- 320, 321. Theory and Practice of Social Casework. Casework concepts and methods as they apply to individual cases, to agency setting, and to the community will be re-examined historically and in current practice.
340. Social Aspects of Medical Care. This course follows 140 and includes discussion of the major medical and social problems of surgery, physical handicaps,

and geriatrics. The present and proposed planning for adequate programs of medical care, both preventive and curative.

350. Dynamics of Human Behavior. The dynamic interplay between emotional and environmental factors in the development of personality trends.

351. Psychosomatic Medicine. Lectures on the emotions and bodily changes, including the management of psychosomatic problems from the point of view of psychiatric and medical social service teamwork.

360. Public Welfare Services: II. Amplification of 161, with special stress on the practice and administration of public assistance programs. Recent developments with reference to such groups as the aged, children, handicapped, and the nonresident.

370. Introduction to Social Research Methods. Basic concepts and principles of scientific methodology and their implications for research in the field of social casework.

380. Community Planning for Social Welfare. The facts and problems about the community which it is important for social workers to understand, and the co-ordination of social services for the maximum benefit to the community.

390. Law and Social Work. The relationship of law to social work; human motivation and the law; survey of the laws of domestic relations, landlord and tenant; welfare legislation considered from the viewpoint of public opinion and social action.

391. Cultural Approach in Social Work. A course concerned with cultural heritage and milieu as potent forces to be understood and utilized in social work. Studies of negro-white relations and of recent European immigrants will be used as samples.

SESSION IV

420. Field Experience in Social Casework.

421. Readings in Casework, Psychiatry, Medicine, and Social Welfare.

470. Thesis.

SESSION V

520. Advanced Social Casework. Generic casework skills are stressed through the use of cases from agencies with a wide variety of functions. Direct and indirect treatment methods applicable to individuals of various age groups are taught.

550. Psychiatry and the Child. Discussion of the biological development of the child, which includes the emotional relationships in his life with all the variations from the normal to the more abnormal.

551. Psychiatry and the Adult. Discussion of the implications of deviations in the behavior of the adult, emphasizing the value for casework of a diagnostic impression of the client, his capacities, limitations, and motivations.

570. Thesis.

580. Administration of Social Agencies. An advanced course emphasizing the planning aspects of agency organization and administrative process. Aspects

emphasized, such as effective co-ordination, direction and supervision of staff; staff participation and personnel practices; interpretation of policies and standards to staff and community; financing; research facilities; development and use of agency boards, lay groups; relations between private and public agencies.

590. Incompetency and Dependency. An extension of 390, covering the laws of illegitimacy, adoption, and the juvenile court.

592. Social and Economic Problems in Social Work. Analysis of social and economic factors in the problems of individuals, groups, and community, including cultural and racial aspects of these problems.

GRADUATE SEMINARS

91. Advanced Casework. Special emphasis on casework with the child and his family. Mrs Austin and Dr Johnson.

92. Supervisory Method in Social Casework. Mrs Austin. The Psychosomatic Concept. Dr Deutsch.

93. Casework Treatment in the Prevention of Delinquency. Mrs Feldman and Dr Neubauer.

HONORS AND DEGREES

AWARDED IN 1946-47

FIRST GROUP SCHOLARS

SOPHIA SMITH SCHOLARS

DWIGHT W. MORROW SCHOLARS

NEILSON SCHOLARS

WILLIAM A. NEILSON SCHOLAR

BOSTON SMITH COLLEGE CLUB SCHOLAR

NEW YORK SMITH COLLEGE CLUB SCHOLAR

1948

Elizabeth Graham Baker	Louise Goodwin Lacy
Leah Kean Barach	Jo Ann Lampe
Barbara Ann Beatty	Barbara Lane
Marjorie Ruth Boselly	Francine Marian Liner
Jean Bowen	Katherine Slawik Lobach
Patricia Parks Butterfield	Anne Thurber Loud
Constance Moyle Carstens	Roberta Ruth Lounsbury
Jean Gardiner Chisholm	Jane Willits Mead
Jean Winans Coe	Rosa Mencher
Janet Van Hise Davidson	Phyllis Lois Newman
Margaret DeVane (Logue)	Rita Rainsford
Janet Dickson Hartwell	Janet Roper
Cynthia Jean Haws	Nesta Frances Rubidge
Sylvia Henderson	Deborah Harriet Schupper
Barbara Ann Hill	Nelle Brown Sellers
Eva Frances Camac Isitt	Juliane Dorothea Straus
Harriet Ballinger Johnston	Marie Therese Thompson
Mary Stuart Kreimer	Eugenie Crosby Tyler

Lois Catherine Van Arsdel

1949

Joan Lorelei Auer	Margaret Wilber Noe
Barbara Bates	Eileen Patricia Rooney
Lucy Landon Black	Adlyn Anne Shannon
Rhoda Mary Dorsey	Alice Mary Fairbank Smith
Nancy Gennes	Dorothy Strang
Lois Carol Leggett	Julia Horner Thornton
Eleanor Louise Matsis	Anne Elizabeth Wallace
Carol Rita Newton	Natalie Ann Zemon

1950

Gabriele Lucie Abraham	Judith Carol Baron
Edith Frances Anderson	Greta Emmeline Brockhausen

Edith Sumner Campbell
 Elizabeth Marie Curth
 Phyllis Joan Freeman
 Constance Lerner

Ursula Grete Orth
 Emily Lothian Rockwood
 Mary Eleanor Sanger
 Doris Jean Stewart

NATIONAL SCHOLARS

CLASS OF 1951

Elizabeth Nisbet Marty, Kansas City, Mo.
 Sara May Miller, San Francisco, Cal.
 Evelyn Erica Weissmann, San Antonio, Tex.

DEAN'S LIST

CLASS OF 1947

Mary Livingston Adams
 Ruth Conant Anderson
 Eve Inge Arons
 Anita Robbins Arwine
 Caroline Ronk Baker
 Mary Edith Barraclough
 Suzanne Belcher
 Ann Helene Benjamin
 Ruth-Leona Benjamin
 Bonnie Bevan (Epstein)
 Dorothy Grace Bigham
 Janette Elizabeth Birge
 Helga Lucinda Boss
 Joyce Dolores Bousley
 Irene Bowen
 Patricia Reese Boyd
 Mary Goode Brooke
 Clara Belle Brown
 Julia Andrews Bruce
 Jane Buckley
 Carolyn Sally Buhai
 Allison Butler
 Elizabeth Ellen Cadwell
 Barbara Suzanne Caldwell
 Evelyn Cameron
 Cynthia Carpenter
 Bernardine Smith Cate
 Margaret France Caulfield
 Marguerite Louise Chien
 Ruth Leone Chier
 Vida Dale Clarke
 Gloria Elizabeth Cleworth
 Jeanne Pickands Comey
 Janet Littlefield Cooley
 Joyce Ellen Cooley
 Cornelia Davidson

Harriet Davidson
 Marjorie Anne Davies
 Mary Elizabeth Dickason
 Ruth Marian Drisko
 Marion Ejgier (Olds)
 Sara Anne Evans
 Dorothy Lucille Farley
 Charlotte Althea Fassen
 Priscilla Fenn
 Ann Maxwell Field
 Marilyn Finkbone
 Helen Virginia Fischer
 Suzanne Morris Fischer
 Elaine Laura Flickinger
 Katharine Bowne Fox
 Jeanne Audrey Frank
 Virginia Lenk Fried (Walters)
 Irmgard Gabriele Furth
 Caroline Roesel Garabedian
 Lucile Gardner
 Dorothy Louise Gedanic
 Ann Gerhard
 Julia Ray Gibson
 Ethelind Roberta Giles
 Mary Jane Gips
 Jacqueline Elaine Goldman
 Ann Goodeve
 Mary Elizabeth Gowen
 Jacqueline Ruth Green
 Elizabeth Carrington Greene
 Jane May Griesemer
 Katherine Jean Gust
 Anne Cuthbert Hall
 Phyllis Anne Hamilton
 Margaret Virginia Happel
 Barbara Harrison

Elisabeth Flora Hertz	Alice Stuart Parker
Donna Lorraine Hilleboe	Mabery Manly Perrins
Alice Mitchell Hinckley	Christine Louise Petrone
Ruth Joy Hofman	Mary Jane Phillips
Dolores Marie Holden	Sylvia Cabor Pigors
Louise Homer	Barbara May Pious
Iris Horowitz	Helen Edna Poterala
Carol Joan Hunter	Florence Vivian Rabitz
Josephine Mathilde Huse	Katherine Lee Reese
Virgilia Ingram	Shirley Irene Reeser
Ellen Jackson	Judith Resnick
Joan Ruth Jacobstein	Nancy Ribble
Sally Josephine Jadwin	Anne Frances Richardson
Frances Ann Jahrling	Dorothea Richardson
Dannie Bea James	Bernice Richman
Margaret Bartholomew Jobson	Monica Riley
Janet Capelle Jones	Jean Stryker Rohrbach
Ann Doak Journeyay	Louise Annette Rolling (Drew)
Susan Rita Katz	Marcia Belle Rosett
Jean Orbison Kennedy	Dorothy Frances Rowell
Elizabeth King	Barbara Rusitzky
Jane Corlett King	Jean Anne Rustici
Joyce Sinclair Kinsey	Margaret Scott Sater
Carol Walling Koenig	Constance Bragdon Sawyer
Betty Jerry Lange	Davida Fagel Schatz (Schwartz)
Joan Lucille Lapidés	Paula Rose Scholder
Judith Alisah Lauterbach	Nancy Fernald Shaw
Jenny Lederer (Malchman)	Margaret Blair Shumaker
Eleanor Mustin Lehman	Mary Elizabeth Davis Simmons
Mary Elizabeth Lent	Mary Neal Sisk
Judith Dorothy Lester	Patricia Ann Sloan
Charlotte Steuart Liebig	Eleanor Hope Smith
Ethelwyn Patricia Lindsey	Natalie Anne Spencer
Shirley Fay Lipton	Viola June Spinelli
Eleanor Faith Lisniansky	Molly Louise Sprague
Nancy Lloyd List	Barbara Anne Stein
Susan Jane Lowry (Winter)	Lois Sternlieb
Ellen-Jane Lyon (Halpern)	Dorothy Dearborn Stone
Marjorie Elizabeth Lyon	Winifred Ellen Stringfellow
Frances-Jana Mackay	Phoebe Agnes Taylor
Hilton McLain	Barbara Frantz Tomb
Lucy Frances Alexander Man	Frances Cecilia Tracey
Sarah Ellen Marchel	Eleanor Marjorie Tressler
Helen Mae Marcus	Consuelo Von Scheid
Margaret Ellen Martin	Elizabeth Ann Wailes
Rosamond Anne Martin	Alice Dean Walker
Lucile Gertrude Mason	Janet Elizabeth Washburn
Margaret Randolph Merrick	Marie Bell Watson
Victoria Loring Miller	Elaine Ruth Wechsler (Slater)
Peggy Ellin Newburger	Janet Bloor Wenner

Elizabeth Anne Whitehead
 Margaret Howard Ridgely Whitham
 Ann Rogers Wilcox
 Barbara Hill Wilcox
 Faith Wilkoff
 Ann Willcox (Seidman)
 Arlene Esther Williams
 Mary Frances Williams

Mary Florence Witt
 Mary Wadsworth Wood
 Shirley Worcester
 Janet Carolyn Yake
 Shirley Ann Young
 Judith Lenore Zahler
 Barbara Ann Zeller
 Jane Norris Zerbey

Tamara Zinovick

CLASS OF 1948

Shirley Ann Allan
 Nancy Ballantine Allen
 Elizabeth Jane Allsop
 Louise Randolph Arrington
 Elizabeth Francis Aub
 Cecilia Anne Badger
 Elizabeth Graham Baker
 Elizabeth Anne Ballentine
 Leah Kean Barach
 Elizabeth Barrows
 Shirley Holden Baxter
 Barbara Ann Beatty
 Rosamond Thomas Bennett
 Dorothy Olga Berude
 Mary Elizabeth Biggs
 Janet Blum
 Marjorie Ruth Boselly
 Jean Bowen
 Hari Basil Brissimi
 Priscilla Audrey Brooks
 Barbara Esther Brown
 Isabelle Phyllis Budnitz
 Patricia Parks Butterfield
 Marjorie Betty Butzer
 Nina Buzby
 Ann Caldwell
 Nancy Alice Cameron
 Deborah Davidson Carpenter
 Constance Moyle Carstens
 Chia-ling Chang
 Jean Gardiner Chisholm
 Grace Phillips Christopherson
 Nancy Prentice Clark
 Virginia Lomax Clark
 Jean Winans Coe
 Helen Patricia Conary
 Pamela Crane
 Glorianne Crowne

Audrey Isabel Darby
 Jessica Raymond Darlington
 Janet Van Hise Davidson
 Elaine Lynn Davies
 Tracy Davis
 Virginia Dawson-Smith
 Florence Mary de Ganahl
 Adèle Otis Dellenbaugh
 Margaret DeVane (Logue)
 Suzanne Peters Duboc
 Frances Williams Earhart
 Rosamond Earle
 Gwendolyn Earp-Thomas
 Cherry Fabe (Michelman)
 Nancy Floyd
 Dorothy Isabel Fritz
 Amelia Maxwell Fuller
 Mary Louise Gaekle
 Mary Gallaher
 Ann Margaret Gardner
 Gail Goodrich
 Mary Goodrich
 Kathryn Joan Griggs
 Janet Clark Hamilton
 Hope Suzanne Handler
 Carlene Jane Hartenstein
 Janet Dickson Hartwell
 Miriam Bernice Haskell
 Muriel June Haslun
 Cynthia Jean Haws
 Elizabeth Dexter Hay
 Sylvia Henderson
 Hildamarie Hendricks
 Barbara Ann Hill
 Hermione Woodruff Hillman
 Ann Spalding Hitchcock
 Elizabeth Hitchcock
 Irene Copeland Hixon

- Elizabeth Crawford Howard
 Suzanne Ingraham
 Eva Frances Camac Isitt
 Catherine Rebecca Janes
 Harriet Ballinger Johnston
 Julia Jolliffe (Bostian)
 Sandra Ruth Kahn
 Carol Enid Kasen
 Joanne Elisabeth King
 Margaret Knight
 Gretchen Ruth Knoblauch
 Audrey Beth Kohn
 Florence Sylvia Kossoff
 Mary Stuart Kreimer
 Elizabeth Mary Kridl
 Irma Helene Kriger
 Jane Atwood Kuhn
 Louise Goodwin Lacy
 Jo Ann Lampe
 Barbara Lane
 Mary Ellen Rising Leggett
 Alice Williams Lewis
 Francine Marian Liner
 Katherine Slawik Lobach
 Joan Mary Loftus
 Anne Thurber Loud
 Roberta Ruth Lounsbury
 Camille McDonald
 Loraine Haynes McFarland
 Joyce Marilyn McGahey
 Nancy Locke McIvor
 Winifred Neville Mann
 Grace Cass Marshall
 Elizabeth Baalack Martz
 Margaret Louise Mayo
 Jane Willits Mead
 Rosa Mencher
 Cleone Virginia Miller (Rotan)
 Betty Jane Morrison
 Jean Marie Murphy
 Phyllis Lois Newman
 Mary-Alice O'Neil
 Judith Marjory Page
 Mary Ruth Parrish
 Francine Sue Petacque
 Peggy Ann Plummer
 Mary Grosvenor Potter
 Lois Miller Quick
- Rita Rainsford
 Elisabeth Lee Reynolds
 Patricia Ruth Robertson
 Mary Elizabeth Robinson
 Loïs Hélène Rogers
 Phyllis Ann Rooney
 Janet Roper
 Nesta Frances Rubidge
 Jean Rubin
 Barbara Ann Rudolph
 Margaret Lindsay Ruth
 Lois St John
 Deborah Harriet Schupper
 Arlene Lois Schwartzberg
 Eunice Standish Scott
 Nelle Brown Sellers
 Beryl Faith Senderowitz
 Jane Shaw
 Eleanor Charlotte Shirley
 Arlene Mae Smith
 Sally Hope Staier
 Carolyn Winifred Stein
 Carol Ann Strong
 Juliane Dorothea Straus
 Janet Marjorie Strothman
 Ruth Tapley
 Peggy Shevell Tenenbaum
 Anne Ellis Thompson
 Marie Therese Thompson
 Patricia Carman Tidmarsh
 Carol Allen Trow
 Mary Marjorie Turk
 Eugenie Crosby Tyler
 Lois Catherine Van Arsdel
 Gloria Elise Von der Lehr
 Ethel Jeanne Wagner
 Mary Mildred Walsh
 Diana Dean Warren
 Florence Hey Warrington
 Katherine Weiss
 Lindsay Ann Weld
 Francelia Wight
 Jean Wilhelm
 Beverly Noel Williams
 Nancy Hope Williams
 Mary Ann Rodgers Willson
 Pamela Wilson
 Elsie Oliver Young
- Mary Sue Young

CLASS OF 1949

- Patricia Nancy Abrams
Judith Irma Adelson
Margaret Lucy Andrus
Joan Lorelei Auer
Margaret Louise Auger
Joan Prentis Baker
Judith Elma Balise
Alice Ann Barnes
Barbara Bates
Mary Jane Bergen
Lucy Landon Black
Janet Anita Brown
Vilma Elise Bungenstab
Elizabeth Holliday Burpee
Anna Ella Bush
Helen Carlson
Eleanor White Collins
Lorna Cuneo
Martine Darmon
Doris Angela Doehler
Rhoda Mary Dorsey
Henrietta Stanfield Dunn
Jean Morrow Dunn
Barbara Rowe Eckhardt
Josephine Susan Emory
Margaret Jean Exley
Pamela Joyce Faulkner
Ella Feldman
Carol Betsy Filler
Joan Fletcher
Joan Stuart Frayn
Anne Katherine Frisby
Nancy Gennes
Ellen Goodell
Sesaly Gould
Lois Katherine Green
Hannah Webster Griffith
Jean Gage Guthrie
Margot Harrington
Mary Thérèse Harris
Anne Schneider Henderson
Penelope Lancaster Holden
Joan Hotchkis
Virginia Lee Howeth
Nancy Dixon Jarvis
Mildred Jeanmaire
Anne Lavinia Jenks
Dorothy Franklyn Jones
Valerie Young Knowlton
Nancy Harrison Kuhn
Olive Virginia La Guardia
Julia Rensselaer Lee
Laura Wayne Lee
Lois Carol Leggett
Charlene Marie Leonard
Joan Ruth Levine
Evelyn Leah Lipshires
Joanne Lloyd-Jones
Steffi Ruth Loewenstein
Ann Lukach
Jane Elizabeth Matern
Eleanor Louise Matsis
Frances Ravenel Menefee
Mary-Clare Milligan
Judith Laura Mogil
Marian Emilie Molthan
Sylvia Field Morse
Gloria Mary Moscatelli
Margaret Trowbridge Murray
Carol Rita Newton
Genevieve Nichols
Margaret Wilber Noe
Flavia Domitilla Pediconi
Joanna Pfaff
Patience Ann Place
Patricia Mary Pyke
Kathryn Virginia Reed
Ruth Elizabeth Rex
Eileen Patricia Rooney
Geraldine Edna Roth
Jean Morrison Ruffin
Mary Montgomery Salisbury
Elizabeth Lane Sawyer
Alice Ann Scott
Anne Eugenia Scripture
Ruth Margaret Scully
Adlyn Anne Shannon
Beverlee Muriel Shapiro
Jane Louise Shirley
Sylvia Wheeler Short
Elizabeth Capps Siefkin
Barbara Ann Singer
Alice Mary Fairbank Smith
Jo Ann Smith
Hannah Spitzer
Elizabeth Manby Starck

Lucy Staton
 Marcia Tapley Stephenson
 Catherine Stevens
 Harriet Jean Stix
 Ann Bard Stopp
 Dorothy Roberta Strang
 Eunice Svetkey
 Marian Jane Thomas
 Julia Horner Thornton
 Doris Jean Todd
 Thetis Aphrodite Touliatou

Rosamond Gale Tryon
 Janet Tucker
 Lydia Mildred Tyler
 Jessie Van Baalen
 Muriel Josephine Vogel
 Anne Elizabeth Wallace
 Barbara Tuttle Weil
 Rosemary Wieler
 Ruth Elizabeth Wilgus
 Margaret Joan Woodside
 Natalie Ann Zemon

CLASS OF 1950

Gabriele Lucie Abraham
 Edith Frances Anderson
 Sarah Ann Bagby
 Judith Carol Baron
 Beatrice Helene Barrett
 Helen Gibbs Bennett
 Corinne Speck Benson
 Gloria Rochelle Berk
 Sylvia Julia Berry
 Nancy Betteridge
 Isabel Whitla Braham
 Mary Glenair Brandt
 Greta Emmeline Brockhausen
 Betty Jane Brost
 Barbara Ann Buell
 Edith Sumner Campbell
 Sally Ann Carson
 Elisabeth Jane Caswell
 Elizabeth Marie Curth
 Marion Esta Davis
 Shirley Rowan Dawson
 Nicolle Grace Einhorn
 Joyce Sheila Engelson
 Bernice Barbara Evans
 Martha Norton Farrar
 Leona Judith Feldman
 Phyllis Joan Freeman
 Polly Loomis French
 Lesley Chapman Gerould
 Gretchen Gillam
 Selma Phyllis Gordon
 June Myrtle Gray
 Margaret Osgood Green
 Esta Ruth Greenberg
 Gloria Scott Grimley
 Anne-Marie Goddard Hall
 Mary Elizabeth Halsey

Anna Fisher Hart
 Elizabeth Patricia Henderson
 Anne Maria Herbert
 Andrea Douglas Hill
 Marion Homer
 Loretta Grinnell Jacobs
 Heli Lehua Jungnickel
 Meta Joyce Kaplan
 Madeleine Marie Irène Véra Eugénie Kondratieff
 Mary Josephine Lee
 Constance Lerner
 Dorothy Jean Lobrano
 Patricia Low
 Margaret Stevenson Lynch
 Nancy Harrington Lynch
 Barbara Jordan Malm
 Diane Elaine Mellish
 Martha Jean Monnet
 Irene Mary Mordas
 Mary Adelaide Muller
 Jean Claire Murphy
 Janet Lester Neville
 Ursula Grete Orth
 Estelle Shari Ostow
 Cynthia Anne Owen
 Joanne Margaret Palmer
 Marjorie Plaut
 Rosalie Ann Poriss
 Martha Jo Raad
 Mary Rosmond Rector
 Sarah Bell Reynolds
 Kate Foster Robertson
 Hannele Merrill Robinson
 Emily Lothian Rockwood
 Corinne Rogers
 Susan Rogers

Phyllis Rotner
 Sarah Judith Sanborn
 Mary Eleanor Sanger
 Joan Wolverton Schelling
 Sylvia June Shapiro
 Grace Lechner Smith
 Lucia Mary Smith
 Peggy Diane Smith
 Hannah Mathilda Snider
 Frances Ann Staubus
 Lydia Goodwin Steinway
 Doris Jean Stewart
 Barbara Colby Stocking
 Dorothy Rouse Street

Maria Adele Le Brun Strong
 Sarah Alice Strong
 Elizabeth Carleton Thomas
 Jane Thomson
 June Thorndike
 Sally Jane Thorpe
 Janet Sherman Trowbridge
 Rita Jane Turino
 Helen Letitia van Winkle
 Adrienne Weisberg
 Esther Angelica Weiss
 Ruth Werlin
 Nancy Carol Wolfner
 Elizabeth Mitchell Wuerth

DEGREES

JUNE, 1947

A.B.

Muriel Margaret Aal
 Mary Livingston Adams
 Ruth Alexander Aiken
 *Ruth Conant Anderson
 Eve Inge Arons
 Jane Shepherd Askin
 Nancy Alison Atwood
 Annice Leonora Auerbach
 Alice Badger
 Caroline Ronk Baker
 Jane Fox Barlow
 Jean Marie Barth
 Elizabeth Frances Bartlett
 Virginia Shipman Bayliss
 Suzanne Belcher
 Ann Helene Benjamin
 Ruth-Leona Benjamin
 Shirley Alice Bennett
 Alice Elizabeth Bernstein
 Caroline Elizabeth Berry
 Virginia Gilbert Best
 Catharine Wheeler Bevin
 Dorothy Grace Bigham
 Janette Elizabeth Birge
 Marie Louise Bittner
 Patricia Jane Bixler
 Margaret Mary Shelden Bland
 Barbara Bloch
 Marilyn Joy Blond

Rose Jacqueline Bogen
 Marjorie Louise Bonstein
 Marjorie Jean Booth
 Mary Jean Wilson Borst
 Helga Lucinda Boss
 Cornelia Tuttle Bowe
 Patricia Reese Boyd
 Marian Frances Brackett
 Joanne Audrey Brandvein
 †Clara Belle Brown
 Elizabeth Louise Young Brown
 Elizabeth Newhall Brown
 Janice Rae Brown
 Karen Brown
 Virginia Lyle Brown
 Marianna Foster Browne
 Julia Andrews Bruce
 Jane Buckley
 Barbara Bugbee
 Carolyn Sally Buhai
 Eleanor Eltinge Burton
 Marilyn Burton
 †Allison Butler
 Elizabeth Keats Butler
 Martha Butler
 Georgette Millicent Geneviève Byk
 Elizabeth Ellen Cadwell
 Barbara Suzanne Caldwell
 Joyce Rudnick Carlson
 Suzanne Dora Caron
 Cynthia Carpenter

* Elected to Phi Beta Kappa.

† Elected to Sigma Xi.

- Ann Carper
 Mary Mabel Carruthers
 Katharine Wilson Cate
 Margaret France Caulfield
 Marguerite Louise Chien
 Joyce Lillian Clark (Carpenter)
 Ann Kynnersley Clarke
 Vida Dale Clarke
 Gloria Elizabeth Cleworth
 Katharine Hale Cochran
 Margaret John Codd
 Jeanne Pickands Comey
 Janet Littlefield Cooley
 Joyce Ellen Cooley
 Anne Trumbull Corbet
 Patricia Wagoner Cox
 Elizabeth Lewis Craddock
 Cornelia Davidson
 Harriet Davidson
 Frances Townsend Davis
 Elisabeth Towner Deane
 Teresa Snowden Denison
 Anne De Prez
 Emmy-Lou De Veau
 †Mary Elizabeth Dickason
 Peggy Wells Dobbins
 Deirdre Mariner Donnelly
 Elizabeth Ann Donnelly
 Dorothy Anne Dooley
 Katharine Allaire Doremus
 *Ruth Marian Drisko
 Thomie J. Economides
 Sue Claire Ellithorp
 Mary Plum Ely
 Adelaide Travis Emory
 Susan Estey
 Sara Anne Evans
 Janice Aldridge Falkin
 †Dorothy Lucille Farley
 Charlotte Althea Fassen
 Priscilla Fenn
 Dorothy Elizabeth Ferguson
 *Ann Maxwell Field
 Marilyn Finkbone
 Suzanne Morris Fischer
 Margaret Fisher
 †Elaine Laura Flickinger
 Mary Millicent Ford
 Jean Stanley Fox
 Judith Elizabeth Frazee
- Elizabeth Chivvis French
 Phoebe Meredith Frey
 Barbara Galeski
 *Caroline Roesel Garabedian
 Rosalie Garber
 Helen Frances Gawronski
 Dorothy Louise Gedanic
 †Ann Gerhard
 Barbara Getz
 Ida Elisa Ghiron
 †*Ethelind Roberta Giles
 Katherine Anne Gillespie
 Sally Gimbel
 Mary Jane Gips
 Elizabeth Joan Gleason
 Jacqueline Elaine Goldman
 Ann Goodeve
 Althea Kendrick Goodwin
 Anita Gore
 Nancy Elizabeth Graham
 Fanchon Barbara Granstein
 Dorothy Davis Grey
 *Jacqueline Ruth Green
 Jane May Griesemer
 Grace Edward Griffith
 Marjorie Grove
 Katherine Jean Gust
 Virginia Gwyer
 Barbara Roxanne Haenschen
 Nancy Hall
 Phyllis Anne Hamilton
 Patricia Ann Hamlin
 Phoebe Ann Hammond
 Betty Jane Hannon
 Margaret Virginia Happel
 Ruth Harbach
 Frances Hope Harris
 Barbara Harrison
 Barbara Watkins Hartmann
 Jane Hawley
 Mary Caroline Henton
 Elisabeth Flora Hertz
 Mary Finch Hickman (Smock)
 Barbara Ann Hildebrand
 Mary Whitmore Hill
 Peggy Hill
 *Donna Lorraine Hilleboe
 Dorothy Alice Hillix
 Alice Mitchell Hinckley
 Margaret Brooks Hiscock

- *Ruth Joy Hofman
 Cornelie Johanna Hogewind
 Mary Crocker Hogg
 Mary Cabot Holbrook
 Dolores Marie Holden
 Jaquelin Smith Holmes
 Jacqueline Anne Hope
 †Iris Horowitz
 Katharine Fairbanks Howell
 Miriam Alice Howley
 Carol Joan Hunter
 *Josephine Mathilde Huse
 Virgilia Ingram
 Ellen Jackson
 Joan Carpenter Jackson
 †Joan Ruth Jacobstein
 Sally Josephine Jadwin
 *Frances Ann Jahrling
 *Dannie Bea James
 Margaret Bartholomew Jobson
 Virginia Helen Johnston
 Barbara Hester Jones
 Betsy Burns Jones
 Janet Capelle Jones
 Priscilla Jones
 Yvonne Ophelia Jones
 Ann Doak Journeyay
 Suvia Whittemore Judd
 Grace Helen Kahn
 Rita Adele Kallus
 Lillian Romaine Kamins
 Phyllis Arlene Kaplan
 *Susan Rita Katz
 Lucy Taylor Keller
 Jean Allen Kemble
 Loretta Joan Kennedy
 Susan Kennedy
 Joan Kent
 Charlotte Hollister Kimball
 †Elizabeth King
 Jane Corlett King
 Joyce Sinclair Kinsey
 Caroline Hubbard Kleinstuck
 Bebe Kolen
 Carol Ann Kupperstein
 Mary Darrah Laine
 Betty Jerry Lange
 Joan Lucille Lapides
 Lee Doris Laufer
 Mary Craig Leavitt
 Jenny Lederer (Malchman)
 †*Eleanor Mustin Lehman
 Mary Elizabeth Lent
 Judith Dorothy Lester
 Charlotte Steuart Liebig
 Mary Jane Lillengren
 Joan Lines
 Shirley Fay Lipton
 †*Eleanor Faith Lisniansky
 Jean Liss
 Nancy Lloyd List
 Nina Harris Lockwood
 Jean Winifred Lord
 Susan Jane Lowry (Winter)
 Ruth Laura Lusskin
 *Ellen-Jane Lyon (Halpern)
 Marjorie Elizabeth Lyon
 Mary Eileen McBride
 Mary Patricia McCormack
 Laura Irene MacDermut
 Mary Elizabeth McDougle
 Nancy Frances McGovern
 Susan Stokes McIntosh
 †*Frances-Jana Mackay
 Jane Robbins McKee
 Hilton McLain
 Margaret Fairlie McLaughlin
 Gladys Virginia MacNichol
 Mary Louise McQueeney
 Shirley Anne Malloy
 Lucy Frances Alexander Man
 Sarah Ellen Marchel
 Helen Mae Marcus
 Molly Marsh
 Margaret Ellen Martin
 †Rosamond Anne Martin
 Lucile Gertrude Mason
 Janice Blanchard Meyer (Branch)
 Marilyn Cameron Milesen
 Victoria Loring Miller
 Joan Skillin Mills
 Harriet Carolyn Minchin
 Helen Louise Mitchell
 Lynda Gay Mitchell
 Isabel Albertina Moldenhauer
 Lilian Rardon Montgomery
 Suzanne Mooney
 Marian Morton
 Peggy Ellin Newburger
 Elizabeth Fredericka Noble (Shaw)

- Anne Gilmore Norris
 Joyce Nutting
 Mary Anne Oakley
 Marian Olander
 Jean Marilyn O'Mara
 Mary Agnes Wilson Osborne
 Juliana Painter
 Jessie Imogene Parkes
 Sarah Hosack Parrish
 Jean Ferry Peirson
 Helen Jean Pentz
 Pauline Perry
 Ruth Shepard Phelps
 Mary Jane Phillips
 *Sylvia Cabot Pigors
 Barbara May Pious
 Dorothy Jane Pitman
 Joyce Pitman
 Harriet Louise Porter
 Isabel Anne Porter
 †Helen Edna Poterala
 Helen Janet Powers
 Betty Jean Purrington
 Katharine Clara Quinby
 Florence Vivian Rabitz
 Beth Thomas Radford
 June Elizabeth Rafferty
 Elizabeth Ann Ralston
 Elizabeth Rausch
 Shirley Irene Reeser
 Anne Hutchison Adams Reppert
 Judith Resnick
 Nancy Ribble
 Anne Frances Richardson
 Dorothea Richardson
 Bernice Richman
 *Monica Riley
 Janet Walker Ripley
 Constance Roberts
 Ann Robinson
 Shavaun Robinson
 Jean Stryker Rohrbach
 Louise Annette Rolling (Drew)
 Joan Marion Rouleau
 Dorothy Frances Rowell
 Elizabeth Hayden Rowley
 Barbara Rusitzky
 Ruth Russell
 Jean Anne Rustici
 Dorothea Sabin
 Joan Sanderson
 Margaret Scott Sater
 Margaret Hazard Sawyer
 *Paula Rose Scholder
 Nancy Anne Schulting
 Minnie-Gardner Schutt
 Suzanne Henrietta Schwarz
 Edith Mary Scott
 Fraudele Ethel Segal
 Christine Louise Seibert
 Venette Addison Shearer
 Agatha Spink Sheffield
 *Margaret Blair Shumaker
 Margaret McDonald Shute
 Beverly Jean Silver
 *Mary Elizabeth Davis Simmons
 Mary Neal Sisk
 Dorothy Ann Skinner
 *Patricia Ann Sloan
 Eleanor Hope Smith
 Genevieve Louise Smith
 Priscilla Ruth Smith
 Thalia Barbara Smith
 Estelle Spadone
 Ellen Elizabeth Sparks
 Patricia Anne Spaulding
 Natalie Anne Spencer
 Virginia Brown Sperry
 †Viola June Spinelli
 Molly Louise Sprague
 Patricia Sprague
 Nancy Starr Spring
 Barbara Anne Stein
 Lois Sternlieb
 Eugenie Louise Steuer
 Dorothy Dearborn Stone
 Ellen Stoneman
 Winifred Ellen Stringfellow
 Anne Guy Strong
 Elizabeth Jane Stuntz
 Nancy Orr Swaney
 Rosemary Swanson
 Matilda Clark Talbert
 Florence Elizabeth Thompson
 Nelle Tiedeman
 Barbara Frantz Tomb
 Jane Towler
 Helen Josephine Tracy
 Jean Marie Tradup
 Polly Anne Trafford

†Eleanor Marjorie Tressler	Elizabeth Anne Wickliffe
Ann Trevellyan	Ann Rogers Wilcox
Thelma Darling True	Barbara Hill Wilcox
Edna Lee Ullman	Jean Marie Wilder
Dorothy Alice Vallette	Faith Wilkoff
Elizabeth Constance Van der Noot	Arlene Esther Williams
Barbara Dickson Van Winkle	Margaret Jean Wilmore
Maria Hall Vezin (Gregory)	Dolly Myra Wishnack
Ellen Katherine von Hofen	Elaine Joyce Wiswall
Consuelo Von Scheid	Mary Florence Witt
Adriane Wadsworth	Grace Hoagland Wolcott
Elizabeth Ann Wailes	Mary Wadsworth Wood
Alice Dean Walker	Elizabeth Love Wortley
Jane House Wallace	Alice Abeel Wyker
Sally Ann Wallace	Sarah Hunt Wyman
†*Janet Elizabeth Washburn	Janet Carolyn Yake
Marie Bell Watson	Marian Loring Young
Elaine Ruth Wechsler (Slater)	Shirley Ann Young
Janet Bloor Wenner	Judith Lenore Zahler
Alice Mack White	Barbara Ann Zeller
Elizabeth Anne Whitehead	Jane Norris Zerbey
Margaret Howard Ridgely Whitham	Emerald Zgourides

Tamara Zinovick

Cum laude

Irene Bowen (English)
*Mary Goode Brooke (Music)
Evelyn Cameron (History)
Bernardine Smith Cate (Philosophy)
Ruth Leone Chier (Government)
*Marjorie Anne Davies (Sociology)
Helen Virginia Fischer (Government)
*Elizabeth Carrington Greene (English)
Anne Cuthbert Hall (English)
Jean Orbison Kennedy (Government)
Judith Alisah Lauterbach (History)
Joan Ruth Leiman (English)
Ethelwyn Patricia Lindsey (Classics)
Margaret Randolph Merrick (Classics)
Alice Stuart Parker (Music)
Marguerite Peet (Premedical Science)
Katherine Lee Reese (English)
Marcia Belle Rossett (History)
Davida Fagel Schatz (Schwartz) (English)
Phoebe Agnes Taylor (Government)
*Ann Willcox (Seidman) (Economics)
Mary Frances Williams (History)
Shirley Worcester (English)

Magna cum laude

- *Anita Robbins Arwine (History)
- *Bonnie Bevan (Epstein) (Sociology)
- *Joyce Dolores Bousley (American Civilization)
- Marion Egger (Olds) (Government)
- *Katharine Bowne Fox (Philosophy)
- *Jeanne Audrey Frank (English)
- *Irmgard Gabriele Furth (History)
- *Lucile Gardner (Music)
- *Mary Elizabeth Gowen (English)
- *Louise Homer (English)
- *Mabeth Manly Perrins (Art)
- †Constance Bragdon Sawyer (Astronomy)
- Nancy Fernald Shaw (Government)

Summa cum laude

- †*Mary Edith Barracough (Zoology)
- †*Virginia Lenk Fried (Walters) (Physics)
- *Christine Louise Petrone (English)
- †*Frances Cecilia Tracey (Zoology)

CLASS OF 1948 (ACCELERATED)

Kathryn Joan Griggs
Jane Jolliffe

A.M.

- Marian Joyce Atkinson, A.B. 1944 Mount Holyoke College. History.
Sectionalism in Argentina, 1816-1880.
- Ignacia Bernales, Profesora de Estado 1946 Instituto Pedagógico de la Universidad de Chile. Education and Child Study.
The Influence of Family Stereotypes in the Judgment of Personality.
- Elizabeth Ann Bogert, A.B. 1938 and Diploma for Teachers of Physical Education 1941 Smith College. Geology and Geography.
The Evolution of Connecticut River Drainage.
- Lillian Étoile Brennan, A.B. 1946 Hunter College of the City of New York. Music.
Canzoni alla francese e Ricercari ariosi (Libro Quinto, Venice, 1605) by Andrea Gabrieli. A modern edition with critical preface.
- Hannah Estermann, B.S. 1946 Carnegie Institute of Technology. Spanish.
The Cult of Don Quixote in the Generation of 1898-1920.
- Elaine Friede, A.B. 1945 Hunter College of the City of New York. Physics.
A Mass Spectrometer Constructed for Photolytic Studies.
- Dorothy Esta Furgeson, B.A. 1929 Spokane University. English.
Melville's Use of the Sea.
- Eleanor Victoria Jennings, A.B. 1944 William Smith College. History.
Parliamentary Interest in the Welfare of the Native Population of India, 1858-1876.
- Helen Hazel Affhauser Kinner, A.B. 1939 Smith College. Art.
The Role of Women in the Art of the Netherlands in the Sixteenth and Seventeenth Centuries.

- Etta Riva Kramer, A.B. 1946 Hunter College of the City of New York. English.
 James Thomson (B.V.), Pessimist?
- Eleanor Ruth Earthrowl Latham, A.B. 1945 Vassar College. Music.
 The Keyboard Music of William Byrd.
- Martha MacGalliard Leavenworth, A.B. 1943 University of Illinois. Plant Genetics.
 Barriers to Embryo Formation in Interspecific Pollinations of *Datura*.
- Beatrice Phyllis Macri, B.S. 1945 University of Connecticut. Bacteriology.
 A Study of the Effect of Certain Chemical, Physical, and Environmental Agents upon the Vi Antigen of the Capolla, Ty 2, and Bhatnagar Strains of *Eberthella typhosa*.
- Claire Mali, A.B. 1945 Smith College. Government.
 The Political Parties in Postliberation France. Origins, Nature, and Relation to Democratic Government.
- Franklin Russell Mullaly, B.A. 1940 American International College. History.
 The Massachusetts Insurrection of 1786-1787.
- Mildred Brand Munday, A.B. 1940 Randolph-Macon Woman's College. English.
 Dramatic Irony in Chaucer's *Troilus and Criseyde*.
- Sally Bell Smith Potter, A.B. 1944 Vassar College. Theatre.
 A Study of the Form, History, and Influence of the Living Newspaper.
- Ursula Clara Rothfels, A.B. 1945 Pembroke College in Brown University. Zoology.
 A Comparison of the Effect of Embryo Extract and of White's Synthetic Medium upon the Growth and Differentiation of Avian Femora in Vitro.
- Nancy Patricia Rowland, B.A. 1946 University of Toronto. English.
 Newman and the *Rambler*.
- June Louise Samson, A.B. 1937 Brown University. Music.
 An Observation of the Stylistic Qualities of the German Protestant Motet of the Second Half of the Seventeenth Century.
- Shu-Chin Shen, B.S. 1941 National South-West Associated University. Zoology.
 The Effect of Vitamin A Deficiency on Bone Development in the Albino Rat (*Rattus norvegicus albinus*).
- Ottlie Elizabeth Vigneras, A.B. 1930 Smith College. Spanish.
 La pareja espiritualista en Galdós.
- Kathryn Antoinette Ward, A.B. 1946 Hunter College of the City of New York. Music.
 A Comparative Study of Meyerbeer's *L'Africaine* and Verdi's *Aida*.
- Judith Kay Wasser, A.B. 1946 Barnard College. Psychology.
 Women's Attitudes towards Menstruation as an Indicator of Their Personality Adjustment.
- Valerie June Wiles, A.B. 1946 Swarthmore College. Economics.
 Puerto Rico, Problem Island of the Caribbean.

ED.M.

- Mary Ellen Bates, B.A. 1943 Reed College.
- Maryllice Lemmon, A.B. 1945 Stanford University.
- Oci Maehara, A.B. 1939 MacMurray College for Women.
- Lucy Catherine Mallette, B.A. 1946 Pomona College.
- Jane Hughes O'Connor, A.B. 1946 San Francisco College for Women.
- Verna Vail Weems, B.A. 1946 Agnes Scott College.

M.S. IN PHY.ED.

Marjorie Helen Bond, B.S. 1944 University of California (Los Angeles).

The Contributions of Community Agencies of Springfield towards the Development of Recreational Habits for Teen-age Girls.

Nancy Buffington Davis, B.S. 1944 Woman's College of the University of North Carolina.

A Study of the Trends in the Professionalized Physical Education Training of the Classroom Teachers in Massachusetts.

Catherine Mildred Genett, A.B. 1946 Brooklyn College.

An Experimental Study of the Use of a Visual Aid in the Instruction of a Motor Skill. A study of the effect of a motion picture film on the rate of learning in the sport of fencing.

Margaret Lois Jones, B.S. in Phys. Ed. 1941 University of Oklahoma.

The Use of an Experimental Study in Motion Pictures of Individuals as an Instructional Device in Teaching Badminton Techniques.

Peggy Lou Tanquary Marsh, B.A. 1946 Mary Washington College of the University of Virginia.

Analyses of the Mechanics of Physical Education Activities in Relation to the Development of Proper Body Mechanics.

Mary Noreen Thomson, Teachers' Certificate in Physical Education 1944 Cape Town Training College.

A Study of the Reliability and Validity of Three Cardiovascular Tests.

Ph.D.

Jean Marie Cummings, A.B. 1942 and M.S. 1943 Western Reserve University. Plant Genetics.

Chromosome End Arrangement in *Datura ceratocaula* Determined in Hybrids Obtained by Embryo Dissection.

Mary Elizabeth Sanders, A.B. 1938 Mount Holyoke College, M.S. 1940 Cornell University. Plant Genetics.

The Growth of Self and Hybrid Embryos Involving Four Species of *Datura*.

HONORARY DEGREES

A.M.

Gertrude Townsend

M.S.

Jocelyn Crane

L.H.D.

Ruth Draper

LITT.D.

Helen Constance White

LL.D.

Everett Kimball

Katharine Elizabeth McBride

DEGREES

SEPTEMBER, 1947

M.S.S.

Dorothy Sheffey Baldwin, A.B. 1928 Hollins College.

The Effectiveness of Casework in Marital Discord with Alcoholism.

Mary Ann Barlowski, A.B. 1945 Pembroke College in Brown University.

Appraisal of a Clinical Pastoral Training Program. Part III: A Study of the Contacts with Psychotic Patients by Theological Students.

Lena Kathleen Beck, B.S. in Com. 1931 Temple University.

Appraisal of a Clinical Pastoral Training Program. Part II: An Analysis of the Educational Aspects of a Clinical Pastoral Training Program.

Susan Farrington Bedal, B.A. 1934 Wellesley College.

A Study of the Referrals from the Juvenile Court to the Guidance Institute of Berks County.

Madelon Jane Brodie, B.A. 1939 Reed College.

The Adjustment of Aged Patients Paroled from a Mental Hospital.

Patty Ree Buchanan, A.B. 1934 Eastern Kentucky State Teachers College.

Social Factors Which Prevent Aged Psychotic Patients from Living in the Community.

Mary Walker Christian, A.B. 1939 University of Kentucky.

Appraisal of a Clinical Pastoral Training Program. Part IV: An Evaluation of the Use of Psychoneurotic Patients in Clinical Pastoral Training.

Clara Margaret Colteryahn, A.B. 1927 Pennsylvania College for Women, M.Litt. 1941 University of Pittsburgh.

Results of Group Therapy with Problem Children in a Child Guidance Clinic.

Ruth Searls Combs, A.B. 1934 East Texas State Teachers College.

Casework with Parents of Neglected Children.

Cleo Allen Crittenton, A.B. 1915 Randolph-Macon Woman's College, M.A. 1920 Ohio State University.

The Effectiveness of Alcoholics Anonymous as Indicated by Successful Members.

Norma Ruth Boiles Curtis, A.B. 1944 Ohio University.

Casework with Psychoneurotic In-patients and Their Relatives.

Gertrude Elowitz, B.S. 1936 Marywood College.

Infant Experiences of Maladjusted Children.

Ruth Yolande Epperson, B.S. 1938 New York State College for Teachers.

Use of Casework Services in a Child Guidance Clinic by Affluent Clients.

Cleo Mishkin Eulau, A.B. 1945 Hunter College of the City of New York.

Casework regarding Children's Problems in a Family Agency.

Lillian Jeanette Feinman, A.B. 1945 New York University.

A Follow-up Study of Twenty-seven Manic-depressive Depressed Patients.

Mary Elizabeth Flanagan, A.B. 1933 Temple University.

Patterns of Aggressive Behavior in an Irish-American Group.

Marjorie Rose Fleitzer, B.S. 1941 Saint Joseph College.

Children with Psychogenic Gastric Disturbances.

Annie Beryl Gannett, B.S. 1941 College of William and Mary.

Referrals to Family Service Association by Veterans' Agencies.

- Mary Glenn Garrison, A.B. 1937 Wesleyan College, A.M. 1941 Emory University.
 Marital Problems at Intake in a Family Agency.
- Rachel Hefterman, B.S. 1945 University of New Hampshire.
 Factors in the Usefulness of a Big Brother.
- *Bruno Herbert, A.B. 1937 and A.M. 1938 Brooklyn College.
 Factors Influencing the Later Adjustment of Girls Discharged from the Hawthorne-Cedar Knolls School.
- Jane Dorice Hewlett, A.B. 1945 Queens College.
 A Comparison of the Adjustment of White and Negro Schizophrenics.
- Louise Elizabeth Hill, A.B. in Education 1939 Howard University.
 Negro Patients of a Mental Hospital.
- Theodora Louise Hubbard, A.B. 1936 Radcliffe College, A.M. 1941 Boston University.
 Attitudes toward Illegitimacy in a Pennsylvania German Community.
- Virginia Jane Jacobsen, A.B. 1934 State Teachers College of San Diego, M.S. in Ed. 1945 University of Southern California.
 Factors Determining Outcome of Treatment of School Phobia.
- Jane Meredith Johnson, B.A. 1936 Beloit College.
 The Absent Father.
- Mary Elizabeth Jolley, A.B. 1938 Lindenwood College.
 Appraisal of a Clinical Pastoral Training Program. Part I: Theological Students before and after a Clinical Training Experience.
- Edith Kent, A.B. 1946 Hunter College of the City of New York.
 Emotional Factors in the Lives of Maladjusted Twins.
- Helene Frances Knightly, B.A. 1946 American International College.
 Outcome of Casework in a Family Agency.
- Jean Elizabeth Koyl, B.A. in Educ. 1935 State College of Washington.
 The Value of Casework Interviews Preceding Psychiatric Treatment.
- Samuel Lerner, A.B. 1938 University of Newark.
 Selective Criteria for Admission to Hawthorne-Cedar Knolls School.
- Esther Marie Longfellow, A.B. 1945 Bates College.
 Needs of Relocated Japanese-Americans and Their Attitudes to Social Agencies.
- Mary Virginia McIntire, B.A. in Soc. Work 1940 University of Oklahoma.
 Factors Relating to Treatment Outcome in a Child Guidance Clinic.
- Mary Louise Meyer, A.B. 1937 University of Cincinnati.
 Implications of Child Guidance Findings for Adoption Practice.
- Norma Evelyn Nelson, B.A. in Ed. 1944 Eastern Washington College of Education.
 Boston's Need for a Reading Disabilities Institute.
- Janice Park, B.S. 1945 Hartford Seminary Foundation.
 Attitudes of Social Agencies toward a Child Guidance Clinic.
- Pansy Pawson, B.M.E. 1938 Oklahoma College for Women.
 Maintenance of Adjustment among Successfully Treated Child Guidance Patients.
- Electra Peterson, B.S. 1937 University of Pittsburgh.
 Prognostic Clues in the First Interview in Child Guidance.
- Lorraine Muriel Ratliffe, A.B. 1939 University of Alabama.
 Appraisal of a Clinical Pastoral Training Program. Part V: The Use of Psychopathic Personalities in the Clinical Training Program.

- Joycelyn Bertrice Reed, A.B. 1945 Dillard University.
 Problems That Veterans Bring to a Family Agency.
- Mildred Irene Davis Roberts, B.A. 1943 Macalester College.
 Services to Children in a Merged Agency.
- Marie Zinzow Schmidt, A.B. 1929 Ripon College.
 The Purpose and Value of Case Discussion Groups.
- Jane de Forest Scudder, A.B. 1932 University of Pittsburgh.
 School Referrals to a Family Agency.
- Margaret Lena Sherrill, A.B. 1930 Oberlin College.
 The Employment Problems of Psychoneurotics.
- Harriet Lorraine Ulmer, B.Sc. 1937 University of Cincinnati.
 Factors Influencing Negroes' Use of Child Guidance Services.
- Janny van Houten, Doctorate Examination in Law 1943 University of Groningen.
 Twelve Cases of School Phobia. A Study of the Personality of the Mother
 and the Child as Factors in the Genesis of the Problem.
- Marie Battle Wills, S.B. 1931 Boston University.
 Wives of Alcoholics.
- Estelle Wolfe, A.B. 1936 Hunter College of the City of New York.
 Cultural Factors in the Behavior Problems of Jewish and Italian Children.

SUMMARY OF STUDENTS IN COLLEGE

Freshman Class (1951)	589
Sophomore Class (1950)	568
Junior Class (1949)	493
Senior Class (1948)	519
Graduate Students	147
Nonresident Fellows	7
Noncollegiate Students	5
Total in the Winter Session	2328
School for Social Work	223
Total	2551

SCHEDULES OF MIDYEAR AND
FINAL EXAMINATIONS

SCHEDULE OF MIDYEAR EXAMINATIONS FOR THE YEAR 1947-48

This schedule should be consulted before courses are elected.

The term "sectioned course" as used in this schedule means a course in which there are no hours of meeting in common for all the students of the course.

Examinations for courses not included will be arranged before the examination period.

	Friday, Jan. 23	Saturday, Jan. 24	Monday, Jan. 26	Tuesday, Jan. 27	Wednesday, Jan. 28
8:00- 10:20	French 22	All classes scheduled for W Th F 2 except sectioned courses	Music 11 Music 21	All classes scheduled for Th F S 10 except sectioned courses	Hygiene 11a
10:30- 12:50		All classes scheduled for Th F S 11 except sectioned courses	Speech 11 Speech 12a Speech 13 Speech 14	All classes scheduled for Th F S 9 except sectioned courses	All classes scheduled for M T W 10 except sectioned courses
2:30- 4:50	Economics 21		All classes scheduled for M T W 9 except sectioned courses	English 11	All classes scheduled for M T 4 except sectioned courses

SCHEDULE OF MIDYEAR EXAMINATIONS FOR THE YEAR 1947-48—Continued

	Thursday, Jan. 29	Friday, Jan. 30	Saturday, Jan. 31	Monday, Feb. 2	Tuesday, Feb. 3
8:00- 10:20	Philosophy 11 Philosophy 24	All classes scheduled for Th F 5 except sectioned courses	All classes scheduled for Th F 4 except sectioned courses	All classes scheduled for W Th F 3 except sectioned courses	Physics 11 Theatre 12
10:30- 12:50	All classes scheduled for M T 5 except sectioned courses	French 11 French 11D French 12 French 13 French 16 French 26 French 28 French 31a	Mathematics 12 Mathematics 13 Mathematics 21	Psychology 12	All classes scheduled for M T W 2 except sectioned courses
2:30- 4:50	History 11 Government 37	All classes scheduled for M T W 3 except sectioned courses	All classes scheduled for M T W 12 except sectioned courses	All classes scheduled for M T W 11 except sectioned courses	Italian 11 Italian 11D Spanish 11 Spanish 11D Spanish 12 Spanish 25

SCHEDULE OF FINAL EXAMINATIONS FOR THE YEAR 1947-48

This schedule should be consulted before courses are elected.

The term "sectioned course" as used in this schedule means a course in which there are no hours of meeting in common for all the students of the course.

Examinations for courses not included will be arranged before the examination period.

	Thursday, May 27	Friday, May 28	Saturday, May 29	Tuesday, June 1	Wednesday, June 2
8:00- 10:20	All classes scheduled for Th F S 10 except sectioned courses	All classes scheduled for Th F S 11 except sectioned courses	All classes scheduled for M T W 11 except sectioned courses	All classes scheduled for M T W 10 except sectioned courses	All classes scheduled for M T W 12 except sectioned courses
10:30- 12:50	All classes scheduled for Th F S 12 except sectioned courses	French 22	Psychology 12	Hygiene 11b	All classes scheduled for Th F 4 except sectioned courses
2:30- 4:50	German 11 German 11D German 12 German 26 Russian 11D	Economics 21	All classes scheduled for W Th F 3 except sectioned courses	All classes scheduled for M T 4 except sectioned courses	Mathematics 12 Mathematics 13 Mathematics 21

The hours at which the examinations in Speech 11, 13, and 14
will be given will be announced later.

SCHEDULE OF FINAL EXAMINATIONS FOR THE YEAR 1947-48—*Continued*

	Thursday, June 3	Friday, June 4	Saturday, June 5	Monday, June 7	Tuesday, June 8
8:00- 10:20	All classes scheduled for Th F S 9 except sectioned courses	French 11 French 11D French 12 French 13 French 16 French 26 French 28 French 31lb	All classes scheduled for M T W 9 except sectioned courses	Government 37 History 11	Italian 11 Italian 11D Spanish 11 Spanish 11D Spanish 12 Spanish 16 Spanish 25
10:30- 12:50	Music 11 Music 21	All classes scheduled for Th F 5 except sectioned courses	Speech 12b	All classes scheduled for M T 5 except sectioned courses	All classes scheduled for M T W 2 except sectioned courses
2:30- 4:50	English 11	All classes scheduled for M T W 3 except sectioned courses		Philosophy 11 Philosophy 24	Physics 11 Theatre 12

INDEX

- Absence
 because of Illness, 42, 63, 64
 from Examinations, 63-64
- Acceleration, 65
- Administrative Officers, 7
- Admission to College, 56
 April Examinations, 58
 Foreign Examinations, 58, 60
 Regents' Examinations, 57, 58
 Requirements, 56-61
 Advanced Standing, 56, 60-61
 Graduate Students, 158
 Noncollegiate Students, 61
 Service Women, 58, 61
- Advisers
 Faculty, 32, 70
 Major, 66, 70
- Alumnae Association Officers, 33
- American Civilization Major, 155
- Architecture and Landscape Architecture
 Courses, 75, 76, 77, 81, 82
 Major, 155
- Art Courses, 74
 Entrance Requirements, 57, 59
- Astronomy Courses, 78
- Attendance, 62-63
- Auditors, 61, 71
- Bacteriology Courses, 117
 Major, 156
- Bible Entrance Requirements, 57, 59
- Biblical Literature Courses, 140
- Bills, 41, 42, 43
- Blanket Tax, 43
- Board, 43, 50, 164
- Botany Courses, 80
- Buildings, 53-55
- Calendars
 College, 5
 Yearly, 4
- Chemistry Courses, 83
- Child Study Courses, 92
- Classics Department, 86
- College Board Regulations, 58-59
- Committees
 Faculty, 31
 Trustee, 6
- Comparative Literature Course, 89
- Co-operative Houses, 49
- Correspondence, 2
- Course Cards, 40, 70, 71, 158
- Curriculum, 65-70
- Day School, Smith College, 38
- Dean's List, 71, 174
- Degrees Conferred, 180
- Degrees, Requirements for
 Bachelor of Arts, 60, 62, 65, 66
 Doctor of Philosophy, 160
 Master of Arts, 133, 159
 Master of Education, 133, 159
 Master of Science in Physical Education, 133, 160
 Master of Social Science, 169
- Deposits, 40, 42, 67, 164
- Diploma in Physical Education, 133, 160
- Economics Courses, 89
- Education Courses, 92
- Election of Courses, 70, 71
- Elisabeth Morrow Morgan Nursery School, 38
- English Courses, 95
- Entrance
 Examinations, 57-60
 Requirements, *see* Admission and Requirements
- Examinations
 Absence from, 63
 Schedule, 192
- Exclusion from College, 40, 43, 65, 132
- Expenses, 41, 42, 43, 49, 164
- Faculty, 7
- Failures, 65, 132
- Fee for
 Auditors, 61
 Graduate Work, 164
 Graduation, 43, 164
 Noncollegiate Students, 61
 Practical Music, 43, 125, 128
 Radio, 41
 Registration, 42, 56
 Sports, 43, 132
 Transcripts, 43
- Fellowships, 162
- French Courses, 100
- Freshman and Sophomore Requirements, 65, 69-70, 71
- Geology and Geography Courses, 103
- German Courses, 107
- Government Courses, 109

- Grades, 62, 63, 65, 69, 71, 161
Graduate Record Examination, 158
Graduate Study, 133, 158
Greek Courses, 86, 141
Heads of House, 30, 40, 42, 63
Health, 41, 42, 57, 133
Hebrew Course, 141
Historical Sketch, 34
History Courses, 112
Honors, 69
 Conferred, 173, 184
Hygiene Courses, 116
 Requirements, 65, 69, 116
Insurance, 41, 42, 67
Interdepartmental Courses, 73
Interdepartmental Majors, 38, 67, 151, 155
Italian Courses, 118
Junior and Senior Requirements, 66
Junior Years Abroad, 37, 67-68
Latin Courses, 87
Loans, 43, 50
Major, the, 66, 67
 Advisers, 66, 70
Mathematics Courses, 120
Minimum of Hours, 61, 65, 71, 159
Music Courses, 123
 Entrance Requirements, 60
 Fees for Practical Music, 43, 125, 128
National Scholarships, 49
Naval Reserve Midshipmen's School, 39
Noncollegiate Students, 61
Norwegian Course, 108
Nursery School, Elisabeth Morrow Morgan,
 38
Phi Beta Kappa Society, 52
Philosophy Courses, 129
Physical Education Courses, 132
 Requirement, 65, 69, 132
 Graduate Work, 133, 160
Physical Plant, 53-55
Physics Courses, 135
Physiological Chemistry Major, 156
Polish Courses, 143
Portuguese Courses, 146
Premedical Science Major, 157
Prizes, 50-53
Psychology Courses, 138
Professional Schools, Preparation for, 155,
 156
Reading Clinic, 92
Readmission, 40, 64
Registrar's List, 63
Registration, 63
 for Graduate Students, 158
Religion Courses, 140
Religious Life, 41
Requirements for Admission, 56-61
 Art, 57, 59
 Bible, 57, 59
 Music, 60
Residence, 40, 49, 62, 63, 65
 for Graduate Students, 163
 Scholarships, 49
Riding Fees, 43, 132
Rooms
 Assignments, 40, 56
 Furnishings, 41
Rules for Election of Courses, 70
Russian Courses, 143
Scholars, List of, 173
Scholarship, 62, 63, 65, 69, 71
Scholarships, 43-49, 162
 National, 49
 Residence, 49
Scholastic Achievement Tests, 57-59
 Aptitude Test, 57-59, 60
Self-Help Bureau, 49
Service Women, 58, 61
Shortage, 61, 65, 71
Sigma Xi, Society of the, 53
Signs and Abbreviations, 9, 72
Smith College Day School, 38
Social Work, School for, 38, 165
Sociology Courses, 144
Spanish Courses, 146
Speech Courses, 149
Sports Fees, 43, 132
Students' Aid Society, 50, 162
Students, Summary of, 190
Teaching Fellows, 158, 162
Theatre Courses, 150
Transcripts, 43, 60, 61, 158
Trustees, 6
Tuition, 43
 for Graduate Students, 164
 Free, 40, 44, 162
Veterans, 58, 61
Visitors, 2
Vocational Office, 53
Warnings, 65
Withdrawal from College, 40, 43, 64, 132
Work Missed through Absence, 62
Zoology Courses, 152

BEQUESTS

Gifts to the College may take the form of scholarships, of professorships, of additions to the material equipment, or of contributions to the permanent endowment fund. Special conditions may, of course, be attached to any gift. Forms of bequest are suggested.

UNRESTRICTED BEQUEST

I give, devise, and bequeath to The Trustees of the Smith College, a corporation established by law at Northampton in the Commonwealth of Massachusetts, the sum of dollars, to be applied to the general uses and purposes of the said institution.

UNRESTRICTED BEQUEST MAKING THE COLLEGE RESIDUARY LEGATEE

All the rest, residue, and remainder of my estate, real and personal, I devise and bequeath to The Trustees of the Smith College, a corporation established by law at Northampton in the Commonwealth of Massachusetts, to be applied to the general uses and purposes of the said institution.

BEQUEST FOR ENDOWMENT

I give, devise, and bequeath to The Trustees of the Smith College, a corporation established by law at Northampton in the Commonwealth of Massachusetts, the sum of dollars to be invested and preserved inviolably for the endowment of Smith College.

SMITH COLLEGE BULLETIN



Catalogue Issue
1948-1949

NORTHAMPTON, MASSACHUSETTS

SMITH COLLEGE BULLETIN

Issued in November, December, January at 10 Ferry St., Concord, N. H., and in February at Smith College, Northampton, Massachusetts. Editorial Offices: Smith College, Northampton, Massachusetts

Entered as second-class matter at the post office at Concord, N. H., under the act of Congress of August 24, 1912. Additional entry at Northampton, Mass., for February issue only

SERIES 43

JANUARY, 1949

NUMBER 3

SMITH COLLEGE BULLETIN



Catalogue Issue
1948-1949

NORTHAMPTON, MASSACHUSETTS

CORRESPONDENCE AND VISITORS

In the list below are the names and addresses of persons to whom inquiries of various types should be sent. Northampton, Massachusetts, is the post office address.

REQUESTS FOR CATALOGUES AND PAMPHLETS:

The Director of Admission or the Publications Secretary, Smith College

ADMISSION OF STUDENTS:

The Director of Admission, Smith College

GRADUATE STUDY AND FELLOWSHIPS:

Miss Gladys A. Anslow, College Hall 21

FOREIGN STUDENTS:

Miss Agnes C. Vaughan, College Hall 21

ROOMS IN COLLEGE HOUSES:

The Warden, Smith College

PAYMENT OF COLLEGE BILLS:

The Treasurer, Smith College

SCHOLARSHIPS AND OPPORTUNITIES FOR EARNING MONEY:

The Director of Scholarships and Student Aid, College Hall 3

LOANS FROM THE STUDENTS' AID SOCIETY:

Miss Eleanor T. Lincoln, 54 Prospect St.

QUESTIONS FROM PARENTS RELATING TO GENERAL WELFARE OF STUDENTS:

The Warden, Smith College

QUESTIONS FROM PARENTS RELATING TO HEALTH OF STUDENTS:

The College Physician, Smith College

QUESTIONS FROM PARENTS AND SCHOOLS RELATING TO SCHOLARSHIP:

The Registrar, Smith College

SMITH COLLEGE SCHOOL FOR SOCIAL WORK:

Director of the School, College Hall 8

ALUMNAE AFFAIRS:

Miss Mary S. Holt, The Alumnae House

VISITORS

Visitors are welcome at the College and student guides are available, ready to accompany them around the campus. The offices in College Hall are open Monday through Friday from 9 A.M. to 4 P.M., and on Saturday until 1 P.M. At other times members of the staff are available for interview only if an appointment is made in advance.

TABLE OF CONTENTS

	PAGE
Correspondence and Visitors	2
Yearly Calendar	4
College Calendar	5
The Board of Trustees	6
The Faculty and Staff	7
Officers of the Alumnae Association	33
Historical Sketch	34
General Information	40
Admission of Students	59
Advanced Standing	63
Noncollegiate Students	64
Auditors	64
Residence and Attendance	65
The Curriculum	68
Courses of Study	75
Graduate Study	157
Smith College School for Social Work	164
Honors and Degrees	172
Summary of Students in College	191
Schedule of Examinations	192
Index	197

1948 : 1949 : 1950

JULY 1948							JANUARY 1949							JULY 1949							JANUARY 1950										
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COLLEGE CALENDAR

1948-49

Freshmen will arrive	Monday, Sept. 27
Required registration at Assembly 7:30 p.m.	Tuesday, Sept. 28
Classes begin at 9:00 a.m.	Wednesday, Sept. 29
Mountain Day (holiday)	A day subsequent to Oct. 10
Meeting of the Board of Trustees	Friday, Oct. 15

THANKSGIVING WEEK END

Wednesday, Nov. 24, 3:50 p.m., to Monday, Nov. 29, 9:00 a.m.

WINTER RECESS

Saturday, Dec. 18, 12:50 p.m., to Tuesday, Jan. 4

Required registration at Assembly 8:30 a.m.	Tuesday, Jan. 4
Reading period	Jan. 13-22
Free Day	Saturday, Jan. 22
Midyear examinations	Jan. 24-Feb. 2
Second semester begins	Thursday, Feb. 3

Required registration at Assembly 8:30 a.m.

Meeting of the Board of Trustees	Friday, Feb. 18
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SPRING RECESS

Friday, Mar. 25, 12:50 p.m., to Monday, Apr. 4

Required registration at Assembly 8:30 a.m.	Monday, Apr. 4
Meeting of the Board of Trustees	Friday, Apr. 8
Reading period	May 10-19
Free Day	Thursday, May 19
Final examinations	May 20-31
Memorial Day (holiday)	Monday, May 30
Meeting of the Board of Trustees	Friday, June 3
Commencement Day	Monday, June 6

1949-50

Freshmen will arrive	Monday, Sept. 26
Required registration at Assembly 7:30 p.m.	Tuesday, Sept. 27
Classes begin at 9:00 a.m.	Wednesday, Sept. 28

Dates are subject to change if circumstances demand.

THE BOARD OF TRUSTEES

Term Expires	HERBERT DAVIS, M.A., LL.D. (<i>President</i>)	Northampton
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Dean of the Class of 1950	
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Dean of the Class of 1952	
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Curator of Books and Photographs in the Department of Art	
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Secretary of the Faculty	
VIOLETTE DURRANT DU BOSE	10 West St.
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FRANK ALLAN WATERMAN, PH.D. <i>Professor Emeritus of Physics (1933)</i>	65 Paradise Rd
MARY LOUISE FOSTER, PH.D. <i>Associate Professor Emeritus of Chemistry (1933)</i>	Boston
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MARY MERROW COOK, B.S. <i>Associate Professor Emeritus of French Language and Literature (1936)</i>	Jaffrey, N. H.
AMY LOUISE BARBOUR, PH.D. <i>Professor Emeritus of Greek Language and Literature (1937)</i>	Lancaster

* Date of retirement.

JOSEF WIEHR, PH.D.	Spartanburg, S. C.
Professor Emeritus of German Language and Literature (1937)	
MARY LILIAS RICHARDSON, A.M.	West Southport, Me.
Associate Professor Emeritus of Latin Language and Literature (1937)	
CAROLINE BROWN BOURLAND, PH.D.	Boston
Professor Emeritus of Spanish Language and Literature (1939)	
LOUISE DELPIT, CONCOURS CERTIFICAT LETTRES, O.A.	Cherveux, France
Professor Emeritus of French Language and Literature (1940)	
NINA ELIZA BROWNE, A.M., B.L.S., LITT.D.	Alumnae House
College Archivist Emeritus (1940)	
MARY BELLE McELWAIN, PH.D., LITT.D.	Chambersburg, Pa.
Professor Emeritus of Classical Languages and Literatures (1942)	
FLORENCE ALDEN GRAGG, PH.D.	Lancaster
Professor Emeritus of Classical Languages and Literatures (1943)	
MARY DUNHAM, M.A.	Camden, Del.
Librarian Emeritus (1943)	
LAURA WOOLSEY LORD SCALES, B.L., L.H.D., LITT.D.	115 Elm St.
Warden Emeritus (1944)	
ANNA ADÈLE CHENOT, A.M.	367 Prospect St.
Associate Professor Emeritus of French Language and Literature (1944)	
LUCY LORD BARRANGON, A.M.	Crestwood, N. Y.
Associate Professor Emeritus of Art (1944)	
ARTHUR TABER JONES, PH.D.	78 N. Elm St.
Professor Emeritus of Physics (1945)	
RICHARD ASHLEY RICE, A.M.	47 Dryads Green
Professor Emeritus of English Language and Literature (1946)	
WILLIAM DODGE GRAY, PH.D.	22 Round Hill Rd
Professor Emeritus of History (1946)	
FRANK HAMILTON HANKINS, PH.D.	197 Elm St.
Professor Emeritus of Sociology (1946)	
GRACE HAZARD CONKLING, B.L., A.M. (HON.)	31 Maynard Rd
Professor Emeritus of English Language and Literature (1946)	
MARGARET GALE SCOTT, M.A.	21 Dryads Green
Associate Professor Emeritus of History (1946)	
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Associate Professor Emeritus of Botany (1947)	
H. LOUISA BILLINGS, A.M.	68 Main St., Hatfield
Associate Professor Emeritus of Physics (1947)	
MARGARET LE BRETON ROOKE, M.A.	Somerset, England
Professor Emeritus of Italian Language and Literature (1948)	
EMILY LEDYARD SHIELDS, PH.D.	Wilmington, N. C.
Professor Emeritus of Classical Languages and Literatures (1948)	
SUSAN MILLER RAMBO, PH.D.	71 Ridgewood Ter.
Professor Emeritus of Mathematics (1948)	
JOY SECOR, A.M.	240 Crescent St.
Registrar Emeritus (1948)	

THE FACULTY

(Arranged within each rank in alphabetical order, with date of appointment to the present rank. † Absent for the year; * absent for the first semester; ** absent for the second semester; || with the Juniors in France; ‡ in Mexico; § in Geneva; ¶ in Italy; † appointed for the first semester; ‡ appointed for the second semester.)

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Professor of Physical Education (1937)	
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Professor of Physics on the Gates Foundation (1936) and Director of Graduate Study	
†NEWTON ARVIN, A.B.	
Professor of English Language and Literature (1940)	
DOROTHY CAROLIN BACON, PH.D.	Capen House
Professor of Economics (1938)	
ALBERT FRANCIS BLAKESLEE, PH.D., SC.D. (HON.), LL.D.	32 Paradise Rd
Visiting Professor of Botany and Director of the Smith College Genetics Experiment Station (1942)	
MARION FRANCES BOOTH, A.B., B.SC., M.D.	Gateway House
College Physician and Professor of Hygiene and Bacteriology (1944)	
GLADYS EUGENIA BRYSON, PH.D.	Lawrence House
Professor of Sociology (1940)	
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Professor of Chemistry (1937)	
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Professor of Chemistry (1929)	
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Professor of French Language and Literature (1939)	
MARY ELLEN CHASE, PH.D., LITT.D., L.H.D.	16 Paradise Rd
Professor of English Language and Literature (1929)	
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Secretary of the Board of Trustees (1924)	
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Professor of Philosophy (1937)	
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Warden (1944)	
**HALLIE FLANAGAN DAVIS, A.M., L.H.D.	36 Paradise Rd
Professor of Drama and Director of Theatre (1942)	
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Director of the Smith College School for Social Work (1943)	
DOROTHY WOLFF DOUGLAS, PH.D.	54 Prospect St.
Professor of Economics (1946)	
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Visiting Professor of English Language and Literature (1947)	
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Professor of Zoology (1945)	
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Professor of Classical Languages and Literatures on the John M. Greene Foundation (1928)	

JOHN WOODS DUKE <i>Professor of Music</i> (1938)	58 Paradise Rd
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PAUL GERALD GRAHAM, PH.D. <i>Professor of German Language and Literature</i> (1943)	5 Munroe St.
MARGARET STORRS GRIERSON, PH.D. <i>College Archivist, Executive Secretary of the Association of Friends of the Library, and Director of the Sophia Smith Collection</i> (1948)	66 Massasoit St.
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PAUL ROBERT LIEDER, PH.D.	62 Kensington Av.
<i>Professor of English Language and Literature (1925)</i>	
ARTHUR WARE LOCKE, A.M.	96 Round Hill Rd
<i>Professor of Music on the Henry Dike Sleeper Foundation (1921)</i>	
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<i>Professor of Economics on the Robert A. Woods Foundation (1921)</i>	
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<i>Professor of Physics (1946)</i>	
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<i>Professor of Music (1923)</i>	
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<i>Professor of Russian Language and Literature (1947)</i>	
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<i>Professor of Zoology (1925)</i>	
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<i>Dean and Professor of English Language and Literature (1948)</i>	
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<i>Production Director, Theatre</i>	
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<i>Professor of Music (1940)</i>	
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Professor of English Language and Literature (1925)	63 Dryads Green
F. WARREN WRIGHT, PH.D.	42 Franklin St.
Professor of Classical Languages and Literatures (1937)	

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Associate Professor of Sociology (1943)	
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Associate Professor of Music (1946)	
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Associate Professor of Bacteriology (1926)	

JAMES JEROME GIBSON, PH.D.	210 Elm St.
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†GERTRUDE GOSS	
Associate Professor of Physical Education (1939)	
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Associate Professor of French Language and Literature (1926)	
MADELEINE GUILLOTON, LIC. ÈS L., A.M.	66 Paradise Rd
Associate Professor of French Language and Literature (1931)	
ANNA M. HAMLIN	62 Kensington Av.
Associate Professor of Music (1947)	
ELIZABETH SANDERS HOBBS, D.S.C.	Williamsburg
Associate Professor of Zoology (1946)	
KATHERINE GEE HORNBEAK, PH.D.	Martha Wilson House
Associate Professor of English Language and Literature (1941)	
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Associate Professor of French Language and Literature (1927)	
†RICHARD EDWARD JOHNSON, PH.D.	
Associate Professor of Mathematics (1947)	
MERVIN JULES	115 Elm St.
Associate Professor of Art (1946)	
†MARGARET KEMP, PH.D.	
Associate Professor of Botany (1946)	
CAROLINE HEMINWAY KIERSTEAD, PH.D.	41 Harrison Av.
Associate Professor of Geology and Geography (1940)	
KATE RIES KOCH, A.M., M.L.D.	48 Ward Av.
Associate Professor of Landscape Architecture (1927)	
§ELISABETH KOFFKA, PH.D.	Switzerland
Associate Professor of History (1944)	
LIZBETH R. LAUGHTON, B.A.	76 Crescent St.
Associate Professor of Speech (1925)	
Alice AMBROSE LAZEROWITZ, PH.D.	69 Lyman Rd
Associate Professor of Philosophy (1943)	
MORRIS LAZEROWITZ, PH.D.	69 Lyman Rd
Associate Professor of Philosophy (1946)	
MARINE LELAND, PH.D.	66 Massasoit St.
Associate Professor of French Language and Literature (1935)	
ELEANOR TERRY LINCOLN, PH.D.	54 Prospect St.
Associate Professor of English Language and Literature (1944)	
J. GERALD McCUE, PH.D.	41 Henshaw Av.
Associate Professor of Physics (1945)	
FRANCES CAMPBELL McINNES, A.M., M.D.	101 Prospect St.
Associate Physician (1937)	
MARGARET ALEXANDER MARSH, A.M.	62 Hillcrest Pl., Amherst
Associate Professor of Sociology (1944) and Dean of the Class of 1952	
ANN ELIZABETH MENSEL, M.A.	262 Bridge St.
Associate Professor of German Language and Literature (1934)	
CHARLES HUNT PAGE, PH.D.	57 Crescent St.
Associate Professor of Sociology (1947)	
WOLFGANG PAULSEN, PH.D.	75 Harrison Av.
Associate Professor of German Language and Literature (1947)	

HELEN JEANNETTE PEIRCE, A.M.	Morrow House
Associate Professor of Spanish and Portuguese Languages and Literatures (1944)	
MARGARET HILL PEOPLES, PH.D.	88 Crescent St.
Associate Professor of French Language and Literature (1934)	
RAYMOND PUTMAN	33 State St.
Associate Professor of Music (1937)	
KARL SCOTT PUTNAM, B.S. IN ARCH.	176 South St.
Associate Professor of Architecture (1939)	
JOHN CALYER RANNEY, PH.D.	32 Bedford Ter.
Associate Professor of Government (1947)	
LOUISE ROOD, A.M.	75 West St.
Associate Professor of Music (1946)	
ANNELIES ARGELANDER ROSE, PH.D.	26 Bedford Ter.
Associate Professor of Psychology and of Education and Child Study (1945)	
S. MERYL ROSE, PH.D.	129 Prospect St.
Associate Professor of Zoology (1948)	
STANLEY CURTIS ROSS, A.B., LL.D.	Williamsburg
Associate Professor of Economics (1948)	
HELEN LOUISE RUSSELL, PH.D.	300 Elm St.
Associate Professor of Physical Education (1947)	
FLORENCE MARIE RYDER, M.S.	51 Henshaw Av.
Associate Professor of Physical Education (1943)	
A. JEANNE SALEIL, AGRÉGÉE DE L'UNIVERSITÉ	Dawes House
Associate Professor of French Language and Literature (1940)	
SOPHIE SATIN, SC.D. (HON.)	32 Paradise Rd
Visiting Associate Professor of Botany (1944)	
†WILLIAM BEAUMONT SCATCHARD, B.MUS., B.S.	
Associate Professor of Music (1940)	
†MARIE SCHNIEDERS, PH.D.	
Associate Professor of German Language and Literature (1945)	
K. FRANCES SCOTT, PH.B., M.D.	32 Gothic St.
Associate Professor of Hygiene (1927)	
**BENJAMIN MARTIN SHAUB, PH.D.	159 Elm St.
Associate Professor of Geology and Geography (1940)	
KENNETH WAYNE SHERK, PH.D.	Williamsburg
Associate Professor of Chemistry (1943)	
†ELSA MARGAREETA SIIPOLA, PH.D.	
Associate Professor of Psychology (1945)	
ELINOR VAN DORN SMITH, PH.D.	56 Middle St., Hadley
Associate Professor of Bacteriology (1944)	
GERTRUDE PARKER SMITH, A.M.	76 Crescent St.
Associate Professor of Music (1946)	
DENTON M. SNYDER, M.A.	13 Green Av.
Technical Director, Theatre (1945)	
MARTHE STURM, LIC. ÈS L., DIPLÔME D'ÉTUDES SUPÉRIEURES	France
Associate Professor of French Language and Literature (1931)	
LOIS EVELYN TE WINKEL, PH.D.	4 Sanderson Av.
Associate Professor of Zoology (1943) and Dean of the Class of 1951	
FRANK DAY TUTTLE, M.F.A.	57 Bridge St.
Associate Professor of Theatre (1947)	

PRISCILLA PAYNE VAN DER POEL, A.M.	88 Crescent St.
Associate Professor of Art (1945) and Dean of the Class of 1949	
ANACLETA CANDIDA VEZZETTI, DOTTORE IN FILOSOFIA E PEDAGOGIA	Haven House
Associate Professor of Italian Language and Literature (1934)	
MARY A. WAGNER, M.A.	37 Prospect St.
Associate Professor of Education and Child Study (1941), Director of the Elisabeth Morrow Morgan Nursery School, and Dean of the Class of 1950	
*DOROTHY WALSH, PH.D.	66 West St.
Associate Professor of Philosophy (1947)	
‡KATHERINE REDING WHITMORE, DOCTORA DE LA UNIVERSIDAD DE MADRID	Mexico
Associate Professor of Spanish Language and Literature (1937)	
EDWARD F. WILLETT, PH.D.	235 Crescent St.
Associate Professor of Economics (1943)	
EDNA REES WILLIAMS, PH.D.	73 Prospect St.
Associate Professor of English Language and Literature (1944)	
†MARJORIE WILLIAMS, PH.D.	
Associate Professor of Astronomy (1942) and Director of the Observatory	
JEAN STRACHAN WILSON, PH.D.	58 Paradise Rd
Associate Professor of History (1940)	
KENNETH E. WRIGHT, PH.D.	108C South St.
Associate Professor of Botany (1946)	
RUTH ELIZABETH YOUNG, A.M.	55 Crescent St.
Associate Professor of Italian Language and Literature (1937)	
MIGUEL ZAPATA Y TORRES, PH.D.	10 Langworthy Rd
Associate Professor of Spanish Language and Literature (1928)	

ASSISTANT PROFESSORS

(and Officers of Equivalent Rank)

ANITA LURIA ASCHER, PH.D.	German House
Assistant Professor of German Language and Literature (1947)	
**ROBESON BAILEY, A.B.	19 N. Main St., Williamsburg
Assistant Professor of English Language and Literature (1944)	
ELEANOR DODGE BARTON, A.M.	76 Elm St.
Assistant Professor of Art (1948)	
LORRAINE WINEOW BENNER, A.M.	32 Bedford Ter.
Assistant Professor of Education and Child Study (1948) and Teacher in the Elisabeth Morrow Morgan Nursery School	
LAURA ANNA BORNHOLDT, PH.D.	Clark House
Assistant Professor of History (1948)	
H. GEORGE COHEN	62 Kensington Av.
Assistant Professor of Art (1944)	
WILLIAM GRAHAM COLE, A.B., B.D.	7 College Lane
Chaplain and Assistant Professor of Religion and Biblical Literature (1947)	
RUTH W. CRAWFORD, A.M.	College Hall
Director of Admission (1929)	
WHITNEY ROGERS CROSS, PH.D.	58 Kensington Av.
Assistant Professor of History (1946)	

MIRIAM EUGENIA CROWLEY, PH.D.	26 Bedford Ter.
<i>Assistant Professor of Psychology (1947)</i>	
Alice Norma Davis, A.B.	36 Bedford Ter.
<i>Director of the Vocational Office (1947)</i>	
Anne Lee Delano, A.M.	Gateway House
<i>Assistant Professor of Physical Education (1946)</i>	
Robert Merrill Dewey, A.M.	83 Crescent St.
<i>Secretary of the Faculty (1921)</i>	
Gladys Dingledine Diggs, A.M.	57 Prospect St.
<i>Registrar (1948)</i>	
George Stone Durham, Ph.D.	Village Hill Rd, Williamsburg
<i>Assistant Professor of Chemistry (1945)</i>	
Vicente Gaos, LICENCIADO EN FILOSOFÍA Y LETRAS	75 Harrison Av.
<i>Assistant Professor of Spanish Language and Literature (1948)</i>	
Anne Gasool, A.M.	Comstock House
<i>Assistant Professor of French Language and Literature (1937)</i>	
Eleanor Jack Gibson, Ph.D.	210 Elm St.
<i>Assistant Professor of Psychology (1940)</i>	
Jeanne Seigneur Guiet, A.M.	70 Washington Av.
<i>Assistant Professor of French Language and Literature (1932)</i>	
Ida Deck Haigh	76 Crescent St.
<i>Assistant Professor of Music (1942)</i>	
Ruth Victoria Hemenway, M.D.	Williamsburg
<i>Assistant Physician</i>	
B. Elizabeth Horner, Ph.D.	11 Henshaw Av.
<i>Assistant Professor of Zoology (1948)</i>	
Evelyn F. Jennings, B.S.	115 Elm St.
<i>Assistant Professor of Physical Education (1937)</i>	
Randolph Wardell Johnston	Hillside Rd, South Deerfield
<i>Assistant Professor of Art (1944)</i>	
Phyllis Williams Lehmann, Ph.D.	12 Arnold Av.
<i>Assistant Professor of Art (1946)</i>	
†Justa Arroyo López-Rey, LICENCIATURA DE QUÍMICA, A.M.	
<i>Assistant Professor of Spanish Language and Literature (1945)</i>	
Lilly Lorentz, Ph.D.	26 Bedford Ter.
<i>Assistant Professor of Physics (1946)</i>	
Lillian M. Mancini, A.M.	10 West St.
<i>Assistant Professor of Physical Education (1947)</i>	
Elizabeth Warren Olmsted, A.M.	119 Prospect Av.
<i>Assistant Professor of Geology and Geography (1945)</i>	
Anne Frances O'Neill, Ph.D.	Laura Scales House
<i>Assistant Professor of Mathematics (1947)</i>	
Catherine A. Pastuhova, Ph.D.	58 Kensington Av.
<i>Assistant Professor of Russian Language and Literature (1945)</i>	
Jack Walter Peltason, Ph.D.	142 Green St.
<i>Assistant Professor of Government (1948)</i>	
HeLEN EVANGELINE REES, ED.D.	96 State St.
<i>Assistant Professor of Education and Child Study (1945)</i>	
<i>and Director of the Smith College Day School</i>	

†ELIZABETH DOROTHY ROBINTON, A.M. <i>Assistant Professor of Bacteriology (1948)</i>	
JANE ELEANOR RUBY, A.M. <i>Assistant Professor of History (1948)</i>	8 Green Av.
MARSHALL SCHALK, PH.D. <i>Assistant Professor of Geology and Geography (1941)</i>	74 Lyman Rd
WILLIAM TAUSSIG SCOTT, PH.D. <i>Assistant Professor of Physics (1946)</i>	64 Kensington Av.
MILTON DAVID SOFFER, PH.D. <i>Assistant Professor of Chemistry (1944)</i>	46 Trumbull Rd
HELEN STOBBE, A.M. <i>Assistant Professor of Geology and Geography (1940)</i>	Morris House
ESTHER BERTHA SYLVIA, D.M.L. <i>Assistant Professor of Spanish Language and Literature (1946)</i>	Chapin House
ALICE SPERDUTI, PH.D. <i>Assistant Professor of Classical Languages and Literatures (1948)</i>	Northrop House
HELEN BURTON TODD, M.D. <i>Assistant Physician (1948)</i>	10 West St.

LECTURERS

DOROTHY S. CARLE, B.S. IN ED. <i>Acting Director of the Educational Clinic (1947)</i>	Hopkins House
HERBERT ARNOLD CLARK, ED.M. <i>Lecturer in Education and Child Study (1947)</i>	29 Arlington St.
RONALD JEREMIAH DARBY, ED.M. <i>Lecturer in Education and Child Study (1938)</i>	15 Washington Av.
RUTH EVANS, A.M., M.P.E. (HON.) <i>Lecturer in Physical Education (1936)</i>	326 Forest Park Av., Springfield
¹ ROGER WELLINGTON HOLMES, PH.D. <i>Visiting Lecturer in Philosophy (1947)</i>	3 Stanton Av., South Hadley
CLARENCE V. HUDGINS, PH.D. <i>Visiting Lecturer in Speech (1948)</i>	82 Jackson St.
RUTH WEDGWOOD KENNEDY, A.B. <i>Lecturer in Art (1941)</i>	44 Pomeroy Ter.
FRANK HORACE REITER, PH.D. <i>Lecturer in Education and Child Study (1948)</i>	88 Round Hill Rd
² VICTORIA SCHUCK, PH.D. <i>Visiting Lecturer in Government.</i>	3 Silver St., South Hadley
MINNIE MARION STINSON, B.S. IN ED. <i>Lecturer in Education and Child Study (1947)</i>	19 Washington Av.
PETER VIERECK, PH.D. <i>Visiting Lecturer in History (1948)</i>	51 Belmont Av.
DOROTHY WRINCH, D.S.C. <i>Lecturer in Physics (1941)</i>	33 Kendrick Pl., Amherst
ROBERT FORSYTHE YOUNG, A.M. <i>Visiting Lecturer in Speech (1948)</i>	47 Spring St., Amherst

INSTRUCTORS

†ALICE LOUISE BENJAMIN, A.M. <i>Instructor in French Language and Literature (1946)</i>
--

RITA MAY BENSON, M.S. IN H.P.E.	58 Harrison Av.
<i>Instructor in Physical Education (1946)</i>	
MARJORIE CATHARINE BOWMAN, M.A.	Park Annex
<i>Instructor in Zoology (1946)</i>	
ETTIE LEN TOY CHIN, A.M.	17 Henshaw Av.
<i>Instructor in Physical Education (1944)</i>	
FRANCES M. COLVILLE, M.S. IN H.P.E.	58 Harrison Av.
<i>Instructor in Physical Education (1944)</i>	
HELEN VIRGINIA CROOK, B.S. IN PHY. ED.	58 Harrison Av.
<i>Instructor in Physical Education (1946)</i>	
GEORGE BERNARD DIAMOND, M.ENG.	13 Maple Av.
<i>Instructor in Chemistry (1947)</i>	
GRETCHEN LUDKE FINNEY, M.A.	52 Ward Av.
<i>Instructor in English Language and Literature (1944)</i>	
JOCELYN RUTH GILL, S.M.	26 Bedford Ter.
<i>Instructor in Astronomy (1945)</i>	
D. JOAN GRIFFITHS, A.M.	26 Bedford Ter.
<i>Instructor in English Language and Literature (1944)</i>	
DEBORAH HAMBIDGE, B.F.A.	57 Crescent St.
<i>Instructor in Art (1947)</i>	
JOHN KENNEDY HANKS, B.S.	49 Dryads Green
<i>Instructor in Music (1948)</i>	
IVA DEE HIATT, M.A.	Gillett House
<i>Director of Choral Music (1948)</i>	
ELIZABETH ANN JAMES, A.M.	Ellen Emerson House
<i>Associate Director of Vocational Office (1947)</i>	
BARBARA HOPKINS LEONARD, PH.D.	79 Elm St.
<i>Instructor in Zoology (1945)</i>	
DENAH LEVY, A.M.	296 Main St.
<i>Instructor in Spanish Language and Literature (1945)</i>	
MELBA MANERO, DOCTORA EN FILOSOFÍA Y LETRAS	Talbot House
<i>Instructor in Spanish Language and Literature (1944)</i>	
RUTH TEMPLETON MURDOCH, A.M., CERT. D'APTITUDE À L'ENSEIGNEMENT DU FRANÇAIS À L'ÉTRANGER	76 Elm St.
<i>Instructor in French Language and Literature (1945)</i>	
JOAQUINA NAVARRO, A.M.	Washburn House
<i>Instructor in Spanish Language and Literature (1943)</i>	
DAVID HAVENS NEWHALL, M.A.	115 Elm St.
<i>Instructor in Philosophy (1946)</i>	
FREDERIC E. PAMP, JR., A.M.	61 Paradise Rd
<i>Instructor in English Language and Literature (1946)</i>	
LOUISE FRANCES POTTER, PH.D.	Sunnyside
<i>Instructor in Bacteriology (1947)</i>	
†NATALIE DELAPLAINE PUTMAN, M.A.	
<i>Instructor in English Language and Literature (1945)</i>	
EDITH SEBESTYEN ROSTAS, M.S.	466 S. Pleasant St., Amherst
<i>Instructor in French Language and Literature (1947)</i>	
HELENE SOMMERFELD, A.M.	222 Elm St.
<i>Instructor in German Language and Literature (1939)</i>	

RUTH ARLENE SWEEZEE, B.S. <i>Instructor in Physical Education</i> (1945)	10 West St.
EDGAR FRANCIS TABER, JR., A.M. <i>Instructor in Economics</i> (1947)	61 Paradise Rd
MARTHA VAN HOESN TABER, A.M. <i>Instructor in Economics</i> (1947)	61 Paradise Rd
MARGARET ANN THORSEN, M.S. IN H.P.E. <i>Instructor in Physical Education</i> (1947)	159 Elm St.
KATHERINE PRESCOTT TINKER, PH.D. <i>Instructor in Astronomy</i> (1947)	Wesley House
HARRIET WARNER, A.M. <i>Instructor in Education and Child Study</i> (1946) <i>and Teacher in the Smith College Day School</i>	76 Elm St.
†JANE IRENE ZIELONKO, A.M. <i>Instructor in English Language and Literature</i> (1946)	
<hr/>	
BERNARD BARBER, PH.D. <i>Instructor in Sociology</i> (1948)	32 Bedford Ter.
ROBERT HUGO BASS, A.M. <i>Instructor in History</i> (1948)	9 Belmont Av.
†SABINE J. BASS, A.M. <i>Instructor in History</i> (1948)	9 Belmont Av.
BONNIE BIRD <i>Instructor in Theatre (Dance)</i> (1948)	262 Bridge St.
MARIE EDITH BORROFF, A.M. <i>Instructor in English Language and Literature</i> (1948)	Gardiner House
RENÉE CARACCIO, AGRÉGÉE DES LETTRES <i>Instructor in French Language and Literature</i> (1948)	Franklin King House
MARIE-SIMONE CASSIGNEUL, LIC. EN DROIT, DIPLÔME DES SCIENCES POLITIQUES <i>Instructor in French Language and Literature</i> (1948)	Franklin King House
HARRIET PRESCOTT DEININGER, A.M. <i>Instructor in Mathematics</i> (1948)	110 N. Maple St., Florence
FREDERICK NORMAN DIBBLE, A.M. <i>Instructor in Psychology</i> (1948)	32 Bedford Ter.
RUTH BUCHANAN EDDY, M.S. IN PHY. ED. <i>Instructor in Physical Education</i> (1948)	122 Green St.
RUTH ELYACHAR, M.A. <i>Instructor in Government</i> (1948)	142 Green St.
CHARLOTTE HACKSTAFF FITCH, A.B. <i>Instructor in Speech</i> (1948)	55 Dryads Green
BARBARA BARNARD GODFREY, M.S. IN PHY. ED. <i>Instructor in Physical Education</i> (1948)	96 Bancroft Rd
CECELIA MARIE KENYON, A.M. <i>Instructor in Government</i> (1948)	Albright House
JOSEPH KEITH LANE, A.M. <i>Instructor in English Language and Literature</i> (1948)	58 Paradise Rd
ALBERT PIERPONT MADEIRA, A.B. <i>Instructor in English Language and Literature</i> (1948)	265 Elm St.
MARTHA COLEMAN MYERS, B.S. <i>Instructor in Physical Education</i> (1948)	267 Crescent St.

CARYL MIRIAM NEWHOF, B.S. IN PHY. ED. <i>Instructor in Physical Education (1948)</i>	122 Green St.
MARY KENT PEABODY, PH.D. <i>Instructor in Mathematics (1948)</i>	Laura Scales House
BENJAMIN LAWRENCE REID, A.B. <i>Instructor in English Language and Literature (1948)</i>	South St., Williamsburg
LEONORE MARIA ROON, M.A. <i>Instructor in History (1948)</i>	22 Belmont Av.
PATRICIA URNER, A.M. <i>Instructor in Physical Education (1948)</i>	58 Harrison Av.
MARGERY ANN WILLIAMS, A.M. <i>Instructor in Art (1948)</i>	Baldwin House

ASSISTANTS AND TEACHING FELLOWS

MARY ANN AIKEN, B.S. <i>Teaching Fellow in Bacteriology</i>	Graduate House
RACHEL MARION BARKER, A.B. <i>Teaching Fellow in Geology and Geography</i>	22 Belmont Av.
MARJORIE LOUISE BONSTEIN, A.B. <i>Teaching Fellow in Theatre</i>	22 Belmont Av.
MIRIAM WALDRON BRAINARD, A.B. <i>Assistant in Psychology</i>	Williamsburg
ELIZABETH THOMPSON BUNCE, A.B. <i>Assistant in Physics</i>	119 Prospect Av.
PRISCILLA ELIZABETH DATTMAN, A.B. <i>Teaching Fellow in Psychology</i>	Fort Hill House
SYLVIA DE ANTONIS, B.S. <i>Teaching Fellow in Chemistry</i>	Fort Hill House
ANN DONALDSON, B.S. <i>Teaching Fellow in Chemistry</i>	Fort Hill House
DOROTHY H. DRISCOLL, S.B. <i>Assistant in Biological Science</i>	Mandelle Annex
BONNIE BEVAN EPSTEIN, A.B. <i>Teaching Fellow in Sociology</i>	Apt 36, G. I. Village, Amherst
MARILYN MATHILDE EVANSON, A.B. <i>Teaching Fellow in Zoology</i>	Fort Hill House
AUDREY PRISCILLA FARROW, A.B. <i>Teaching Fellow in Zoology</i>	Fort Hill House
BARBARA JEANE FIENEMANN, A.B. <i>Teaching Fellow in Zoology</i>	Fort Hill House
HILDA ERDINE GELLERSON, A.M. <i>Research Associate in Chemistry</i>	55 Dryads Green
ANITA GORE, A.B. <i>Teaching Fellow in Physics</i>	Fort Hill House
OLGA GRATCH, MUS. B. <i>Teaching Fellow in Music</i>	Graduate House
RITA KATHLEEN HARRIGAN, A.B. <i>Teaching Fellow in History</i>	Graduate House
BARBARA DIANTHA HOBSON, A.B. <i>Teaching Fellow in History</i>	Graduate House

HILDA HSI-TEH HSIEH, B.S. <i>Research Fellow in Physics</i>	Graduate House
SONYA ALICE JOHNSON, A.B. <i>Teaching Fellow in Chemistry</i>	Mandelle Annex
VIRGINIA HELEN JOHNSTON, A.B. <i>Assistant in Education and Child Study</i>	78 Pomeroy Ter.
JUSTINE NANCY KLEIN, A.B. <i>Teaching Fellow in Music</i>	Graduate House
MERLE INEZ LATHROP, A.B. <i>Teaching Fellow in Zoology</i>	Fort Hill House
MIRIAM ILGOVSKY LEVETON, B.A. <i>Teaching Fellow in Psychology</i>	81 Bridge St.
DOROTHY WOOD LOOMIS, B.A. <i>Teaching Fellow in Chemistry</i>	Graduate House
ALICE EATON MCBEE, 2D, A.M. <i>Assistant in History</i>	267 Crescent St.
ALICE MARIE MASTNY, B.F.A. <i>Teaching Fellow in Theatre</i>	22 Belmont Av.
FLORENCE LOUISE PALMER, B.S. <i>Teaching Fellow in Chemistry</i>	Fort Hill House
M. RITA PANGBORN, B.S. IN ED. <i>Teaching Fellow in Music</i>	Graduate House
HELEN EDNA POTERALA, A.B. <i>Teaching Fellow in Music</i>	Mandelle Annex
SARAH ANDERSON RICHARDS, A.B. <i>Teaching Fellow in Theatre</i>	36 Paradise Rd.
FLORENCE CRACAUER ROSE, A.M. <i>American Cancer Society Research Assistant</i>	129 Prospect St.
CLEONE MILLER ROTAN, A.B. <i>Teaching Fellow in Geology and Geography</i>	82 Washington Av.
ROBERT PERRETEL SHAW, A.B. <i>Teaching Fellow in Theatre</i>	63 Belmont Av.
RUTH CULLEN SHEA, B.S. <i>Research Fellow in Physics and Chemistry</i>	16 Bright St.
ELISABETH CECELIA STADULIS, A.B. <i>Teaching Fellow in Government</i>	Graduate House
ROBERTA A. STEWART, A.M. <i>Research Associate in Chemistry</i>	16 Bright St.
MARGARET MELICENT ANNE RABAN VINCE, B.A. <i>Teaching Fellow in History</i>	Hopkins House A

DEPARTMENTAL ASSISTANTS AND SECRETARIES

GLORIA M. CONZ <i>Secretarial Assistant in Art</i>	107 North St.
HENRY H. ELKAN, DR. JUR. <i>Photographer</i>	76 N. Elm St.
ERNA GOLDSTAUB HUBER <i>Curator of Slides</i>	53 West St.
ANNA PERKINS HOWES, A.B. <i>Assistant Curator of Books and Photographs</i>	55 Dryads Green

MARGARET FRANCES LYDEN <i>Clerical Assistant to the Curator of Books and Photographs</i>	40 Columbus Av.
BARBARA H. BORROWS <i>Clerical Assistant in Chemistry</i>	85 New South St.
MARY LOUISE MOSHER <i>Secretarial Assistant in Education and Child Study</i>	38 S. Main St., Haydenville
JOSEPHINE DOROTHY WASKO <i>Secretarial Assistant in Geology and Geography</i>	36 Hinckley St.
RUTH MARGARET AGNEW, M.A. <i>Curator in Music</i>	213 Crescent St.
MARY MILLWARD ANKUDOWICH, A.B., B.S. <i>Music Librarian</i>	74 Audubon Rd, Leeds
MARGARET ADAMS KILEY <i>Assistant Music Librarian</i>	46 Finn St.
GERTRUDE LEARY <i>Administrative Assistant in Music</i>	Bay State
VIRGINIA BOGLE RUSTERHOLZ <i>Administrative Assistant in Music</i>	300 Elm St.
MILDRED BIDWELL <i>Accompanist in Voice</i>	78 Pomeroy Ter.
JEAN CORMACK BROUGH <i>Administrative Assistant in Physical Education</i>	29 Brookline Av., Holyoke
RUTH BUCZALA HOLICH <i>Secretarial Assistant in Physical Education</i>	19 Oliver St., Easthampton
ANNA M. DRAGON <i>Accompanist in Physical Education</i>	Box 162, Florence
HELEN I. PIRIE <i>Accompanist in Physical Education</i>	53 Bay State Rd, Holyoke
CHARLES LOOMIS JOURDAN <i>Technician in Physics</i>	85 E. Pleasant St., Amherst
DOROTHY S. MILLER <i>Secretarial Assistant in Psychology</i>	197 Bridge Rd, Florence
NORMA MONICA LEAS, A.B., S.B. <i>Administrative Assistant in Theatre</i>	131 State St.
ROBERT HARRISON BARON, B.S. <i>Business Manager, Theatre</i>	36 Paradise Rd
ELIZABETH HAYNES SANDS <i>Accompanist in Theatre (Dance)</i>	160 South St.
SHIRLEY AMES ST JOHN, A.B. <i>Departmental Assistant in Zoology</i>	26 Winthrop St.

SECRETARIES AND OFFICE ASSISTANTS

OFFICE OF THE PRESIDENT

RACHEL CONSTANCE CHARPENTIER <i>Secretarial Assistant</i>	66 Paradise Rd
MILDRED MARY O'BRIEN <i>Secretarial Assistant</i>	43 West St.
PAULINE CARDINAL WALKER <i>Secretarial Assistant</i>	32 N. Elm St.

OFFICE OF THE WARDEN

MARY HANNIGAN HENNESSEY
Secretarial Assistant

197 Nonotuck St., Florence

OFFICE OF THE REGISTRAR

DOROTHY GILLERN SANER
Administrative Assistant
 HELEN ELIZABETH BRIDGMAN
Clerical Assistant
 FLORENCE LESKO GADOMSKI
Secretarial Assistant
 SHIRLEY MARIE LABBEE
Clerical Assistant

244 South St.

105 Pine St., Florence

38 Ward Av., Easthampton

47 School St., Hatfield

OFFICE OF THE CLASS DEANS

LESLEY S. KINNEY
Secretarial Assistant
 AGNES T. SHANNON
Secretarial Assistant
 LILLIAN G. TAFT
Secretarial Assistant

30 Norwood Av.

15 Fort St.

Westhampton Rd

OFFICE OF THE BOARD OF ADMISSION

HELEN JOSEPHINE DRAKE
Administrative Assistant
 BEATRICE LOUISE CAMPBELL, A.B.
Secretarial Assistant
 MARION FAIRCHILD, A.B.
Secretarial Assistant
 ALICE CATHERINE KEATING, A.B.
Secretarial Assistant

Williamsburg

50 Revell Av.

71 Washington Av.

43 West St.

OFFICE OF THE TREASURER

LOIS FLORENCE FRIEDRICH, B.S.
Administrative Assistant
 FLORENCE COOPER BRASSARD
Clerical Assistant
 VIVIAN C. BROWN
Clerical Assistant
 ELIZABETH MAE CHANNELL
Clerical Assistant
 EILEEN DOROTHY CLIFFORD
Clerical Assistant
 DORIS KING DIBBLE
Clerical Assistant
 MARIAN BRYANT KING
Clerical Assistant
 AMELIA LIEBL MAMULSKI
Clerical Assistant
 NELLIE JULIA MAMULSKI
Clerical Assistant

13 Lilly St., Florence

33 Bardwell St., Florence

20 Belmont Av.

908 Bridge Rd

34 Day Av.

32 Bedford Ter.

28 Ward Av.

20 Belmont Av.

20 Nashawannuck St., Easthampton

OFFICE OF THE PURCHASING AGENT

PHYLLIS M. GRAVES <i>Clerical Assistant</i>	Whately
MARJORIE JOSEPHSON LANG <i>Clerical Assistant</i>	24 Trumbull Rd
EVELYN ELY TREMAINE <i>Secretarial Assistant</i>	49 Beacon St., Florence
HARRIETTE BARLOW WOOD <i>Clerical Assistant</i>	28 Center St., Easthampton

OFFICE OF SCHOLARSHIPS AND STUDENT AID

ELEANOR BURTON JULIAN, M.S. <i>Secretarial Assistant</i>	40 Farview Way, Amherst
---	-------------------------

VOCATIONAL OFFICE

ELIZABETH ANN JAMES, A.M. <i>Associate Director</i>	Ellen Emerson House
MILDRED LLOYD LAPRADE <i>Administrative Assistant</i>	157 Main St., Easthampton
LUCILLE ROBERT BAUVER <i>Clerical Assistant</i>	103 South St.
DORIS MARIE SINCAGE <i>Secretarial Assistant</i>	15 Kingsley Av., Haydenville
WINIFRED DOREEN WOOD <i>Secretarial Assistant</i>	61 Liberty St.

PUBLIC RELATIONS OFFICE

VERNA G. BAIN, A.B. <i>Secretarial Assistant</i>	238 Ryan Rd, R.F.D.
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NEWS OFFICE

C. JANE HARTENSTEIN, A.B. <i>Assistant to the Director</i>	11 Kensington Av.
PHYLLIS JOSEPHINE ROZYCKI, A.B. <i>Secretarial Assistant</i>	29 Butler Pl.

EMPLOYMENT OFFICE

ELEANORE WEIDHAAS CAREY <i>Secretarial Assistant</i>	63 Northampton St., Easthampton
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COMMITTEE ON GRADUATE STUDY

GLORIA MAE BOUCHER <i>Secretarial Assistant</i>	30 Pleasant St., Easthampton
--	------------------------------

COMMITTEE ON FOREIGN STUDENTS

LOMIE LEE JOHNSON, B.A. <i>Secretarial Assistant (also for Department of Physics)</i>	Fort Hill House
--	-----------------

HEALTH SERVICE

MARION FRANCES BOOTH, A.B., B.S.C., M.D. <i>College Physician</i>	Gateway House
ABBIE MABEL O'KEEFE, M.D. <i>Associate Physician</i>	Hubbard House
K. FRANCES SCOTT, PH.B., M.D. <i>Associate Professor of Hygiene</i>	32 Gothic St.

FRANCES CAMPBELL McINNES, A.M., M.D.	101 Prospect St.
<i>Associate Physician</i>	
RUTH VICTORIA HEMENWAY, M.D.	Williamsburg
<i>Assistant Physician</i>	
HELEN BURTON TODD, M.D.	10 West St.
<i>Assistant Physician</i>	
EDITH C. STACKPOLE, A.B.	101 Prospect St.
<i>Director of the Health Service Clinic</i>	
HAZEL HAWTHORNE BOWLES, R.N., M.A.	115 Elm St.
<i>Public Health Nurse</i>	
ALMA MARIAN GRAVES, R.N.	43 Locust St.
<i>Office Nurse</i>	
VIRGINIA B. DELANEY	37 Prospect Av.
<i>Administrative Assistant</i>	
E. LUCILLE HOLLAND	12 Arnold Av.
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<i>Nurse</i>	
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<i>Nurse</i>	
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<i>Nurse</i>	
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 Wesley House
 Park House
 Park Annex
 Sessions House
 German House
 Cushing House
 Hubbard House
 Morris House
 Martha Wilson House
 Dawes House
 Lawrence House
 Wilder House
 Mandelle Annex
 Dewey House
 Clark House
 Laura Scales House
 Parsons House
 Parsons Annex
 Franklin King House
 Hopkins Group
 Chapin House
 Gillett House
 Gardiner House
 Jordan House
 Fort Hill House
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 Wallace House
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IRENE N. STEFAN
Clerical Assistant

9 Riverdrive Rd, Hadley

WILLIAM I. P. CAMPBELL
Horticulturist

10 Massasoit St.

RAYMOND J. PERRY
Superintendent

94 State St.

LAUNDRY

STANDING COMMITTEES OF THE FACULTY

I. ON THE ORGANIZATION OF THE COLLEGE

COMMITTEES (elected):

The President, the Dean, Mrs Lazerowitz (1949) (secretary), Miss Bache-Wiig (1949), Mr Duke (1950), Mr Ross (1950)

TENURE AND PROMOTION (elected):

The President, the Dean, Mr McCoy (1949), Miss Lowenthal (1950), Miss Shearer (1950), Mr Faulkner (1951), Miss Vaughan (1952). Mr Duke substitute for Mr Faulkner 2d sem.

TRUSTEE-FACULTY CONFERENCE (elected):

Miss Mohler (Educational Policy), Mr McCoy (Tenure and Promotion), Mr Christian (1951), Miss Wilson (1950), Miss Dunn (1949)

ADMINISTRATIVE BOARD:

The Dean (chairman), the Warden, the Class Deans, the Registrar, the College Physician, Mr Sherk (Educational Policy), Mr Willett, Mr Lazerowitz

CONFERENCE:

The President, the Administrative Board, five members of the Student Council, four members of the House of Representatives

BOARD OF ADMISSION:

College Hall 26

The President (chairman), the Dean, Mrs Crawford, Mr F. W. Wright, Mr Bragdon (Educational Policy), Miss Sampson, Miss Te Winkel, Mrs Marsh

REGISTRATION OF STUDENTS:

Miss M. B. Crook (chairman), Miss Bunce, Miss Crowley, Miss Levy, Mrs Brainard, Miss Hambidge, Mrs Taber

II. ON THE CURRICULUM OF THE COLLEGE AND THE GUIDANCE OF STUDENTS

EDUCATIONAL POLICY (elected):

College Hall 21

The Dean (chairman), the President, (for five years) Miss Anslow, Miss Mohler, Mr Ranney, (for four years) Mr Faulkner, Mr Sherk, Mr Bragdon, (for three years) Miss Sampson, Miss Siipola, Miss E. V. Smith
Substitutes for one year: Mr Christian, Miss Dunn, Miss Peoples

INTERDEPARTMENTAL MAJORS:

Miss E. V. Smith (chairman), Miss Koch, Miss Burt, Miss Muchnic, Miss Bryson, Mrs Hobbs, Mrs Holmes, Mr Aaron, Mrs Davis

BOARD OF ADVISERS:

Mrs Marsh (chairman), Miss Ascher, Miss Bourgoin, Miss Burnett, Mr Christian, Mr Cole, Miss Corwin, Mr Cross, Mr R. G. Davis, Mr Durham, Miss Gasool, Mrs Gibson, Miss Griffiths, Mrs Haigh, Miss Hornbeak, Miss Horner, Miss Laughton, Mr Lazerowitz, Mrs Lazerowitz, Miss Leonard, Miss Lorentz,

Miss Murdoch, Miss O'Neill, Mr Page, Mr Pamp, Mr Peltason, Miss Rees, Miss Rood, Mr Rose, Mr Ross, Miss Ruby, Mr Schalk, Mr Scott, Miss Sickels, Miss E. V. Smith, Mr Taber, Mrs Tinker, Mr K. E. Wright, Miss Te Winkel (Class Dean). Nonvoting members: the Junior and Senior Class Deans, the Registrar, the Director of Admission, the Vocational Director

HONORS:

Miss Wilson (chairman), the President, the Senior Class Dean, Miss Peoples (Educational Policy), Miss G. P. Smith, Miss Bacon, Miss Clarke, Miss Lincoln, Mr Scott

GRADUATE STUDY:

College Hall 21

Miss Anslow (director), Miss Vaughan, Miss Ainsworth, Mr Soffer, Miss E. R. Williams, Miss Bornholdt, Mr Ranney, Mr Wakeman, Mr K. E. Wright, Miss F. E. Young (secretary)

FOREIGN STUDENTS:

College Hall 21

Miss Vaughan (chairman), Miss Imbault-Huart, Miss Peirce, Miss Chin, Miss Corwin, Miss Mensel (ex officio), Miss E. R. Williams, Miss R. E. Young

III. ON OTHER BUSINESS OF THE COLLEGE

LIBRARY:

Miss Duckett (chairman), the Librarian, Mr Einstein, Miss Bache-Wiig, Mr Guilloton, Miss Ruby

LECTURES:

College Hall 23A

Miss Hornbeak (chairman), Mr Gibson, Mr Kohn, Miss Lorentz, Mr Dewey (secretary)

MOTION PICTURES:

Mr Jules (chairman), Miss Russell, Mr Snyder, Mr Shaub, Mrs Guilloton. Executive secretary, Miss Rich

SCHOLARSHIPS:

College Hall 3

The President (chairman), the Dean, the Warden, Miss Mensel, Mr F. W. Wright, Miss Cann, Mrs Gibson, Miss Vaughan (ex officio)

STUDENTS' AID SOCIETY:

Mrs Hobbs, Miss Lincoln

HONORARY DEGREES (elected):

Miss R. E. Young (1949), Mrs Holmes (1950), Mr Parshley (1951)

JUNIPER LODGE:

Miss Carpenter (chairman), Miss Bryson, Miss Hornbeak, Miss Bache-Wiig, Miss O'Neill

FACULTY OFFICES:

Mr Taylor (chairman), Mr Putnam, Miss Leland

SPECIAL COMMITTEES

HYGIENE REQUIREMENT:

Mr Taylor (chairman), Dr Booth, Dr Scott (secretary), Mrs Marsh (ex officio), Miss Horner, Miss E. V. Smith

MARSHALS:

Mr Withington, Mr Dewey, Mr Willett, Miss Olmsted, Miss Burpee

CHAIRMEN OF ACADEMIC DIVISIONS:

Miss R. E. Young, Miss Bryson, Miss Mohler

CONSULTANT ON TIAA MATTERS:

Mr Willett

THE ALUMNAE ASSOCIATION OF SMITH COLLEGE

The Alumnae House

<i>President</i>	RUTH PIERSON CHURCHILL 1919
<i>Vice-President</i>	DOROTHY CLARK THOMSON 1933
<i>Clerk</i>	EDITH YEREANCE GREVATT 1923
<i>Treasurer</i>	HELEN FOSTER OSBORNE 1927
<i>General Secretary</i>	MARY S. HOLT 1936
<i>Assistant Secretary</i>	FRANCES A. COPELAND 1925
<i>Bursar and Advertising Manager of the Quarterly</i>	RUTH SELDEN GRISWOLD 1916
<i>Assistants to General Secretary</i>	ELEANOR HOWARD
	MARION GRAVES DUFFEY 1915
	HAZEL HOWARD TURNER
	MARIAN F. CLARK
	AVIS L. JEFFREY
<i>Editor-in-chief of the Alumnae Quarterly</i>	MADELINE BALL WRIGHT 1910
<i>Honorary Editor</i>	EDITH N. HILL 1903
<i>Managing Editor</i>	KATHLEEN E. BERRY 1929
<i>Alumnae Fund Secretary</i>	HARRIET HITCHCOCK 1914
<i>Hostess</i>	DOROTHY PEARSON ABBOTT 1911

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<i>Assistant</i>	
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<i>Assistant</i>	
PATRICIA ROLLINS GRANT	273 N. Main St., Florence
<i>Clerical Assistant</i>	
MARIAN A. BARTON, B.E.	203 State St.
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IRENE WADE O'DONNELL, A.B.	54 Belmont Av.
<i>Secretarial Assistant</i>	

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SEVENTY-FIFTH ANNIVERSARY

FLORENCE HOMER SNOW, A.B., A.M. (HON.)	112 Washington Av.
<i>Director</i>	
JEAN ELWYN HENRY, A.M.	6 Ahwaga Av.
<i>Secretarial Assistant</i>	

HISTORICAL SKETCH

I

SMITH COLLEGE began in the conscience of a New England woman. The sum of money with which the first land was bought, the first buildings erected, and the foundation of the endowment laid, had been amassed by a man who, like many Americans, had made a fortune without any apparent ulterior purpose. He seems to have bequeathed it to his sister because he had not made up his mind what else to do with it. Sophia Smith received it not as providing means for luxury or display, but as laying upon her a burden of responsibility. She left it for the founding of a college for women because after much perplexity, deliberation, and advice, she had concluded that thus could she best fulfill a moral obligation.

Smith College began in the mind of a New England minister. To John Morton Greene is due the idea whose realization we see today. From him Sophia Smith asked counsel as to the disposal of her unsought riches, and received suggestions which she pondered and discussed, and from among which she finally selected that which we must acclaim as the wisest and most beneficent. The idea that Mr. Greene presented and Sophia Smith adopted is clearly expressed in a passage in Sophia Smith's will that must be regarded as their joint production, drafted by him, amended and approved by her. The language is as follows:

I hereby make the following provisions for the establishment and maintenance of an Institution for the higher education of young women, with the design to furnish for my own sex means and facilities for education equal to those which are afforded now in our Colleges to young men.

It is my opinion that by the higher and more thorough Christian education of women, what are called their "wrongs" will be redressed, their wages adjusted, their weight of influence in reforming the evils of society will be greatly increased; as teachers, as writers, as mothers, as members of society, their power for good will be incalculably enlarged.

Later, after enumerating the subjects which still form the substance of the curriculum of the college, she adds: "And in such other studies as coming times may develop or demand for the education of women and the progress of the race. I would have the education suited to the mental and physical wants of woman. It is not my design to render my sex any the less feminine, but to develop as fully as may be the powers of womanhood, and furnish women with the means of usefulness, happiness and honor, now withheld from them." She further directed that "without giving preference to any sect or denomination, all the education and all the discipline shall be pervaded by the Spirit of Evangelical Christian Religion."

When one considers what would today be regarded as the somewhat narrow and puritanical type of culture in which the authors of these sentences were living, one cannot fail to be impressed by their wisdom, liberality, and farsightedness. The general terms in which the purposes of women's education are defined are perfectly valid today. Provision is made for change of outlook and development in the scope of education. While the fundamentally religious interest of the founder is stressed, the college is kept clear of entanglement with institutional Christianity, and the only prescription is the pervading of instruction by the spirit of the gospel of Jesus Christ. This injunction has been obeyed in the past, we trust

NOTE.—The first part of this account is based upon an historical address delivered by President William Allan Neilson at the Fiftieth Anniversary Exercises, June 12, 1925.

and believe it is being obeyed in the present, and there is no reason to believe that it will not be willingly and gladly observed in the future.

Such is the charter of our intellectual and spiritual liberty.

II

It is one thing to state an ideal and give a commission, it is another to carry them out. Laurenus Clark Seelye in 1873 undertook the presidency of the new college, land was bought and the first buildings erected, a prospectus was issued, and in 1875 the college was opened with fourteen students. The prospectus and the inaugural address laid down the main lines of educational policy on which the new college was to run, and again it is amazing to note how little these have to be modified to describe the college of today. There is the same high standard of admission, matching that of the best colleges for men, the same breadth in the curriculum, the same emphasis on literature, art, and music. What we are less likely to note is the faith needed to establish these standards and to stick to them in an atmosphere of scepticism and even of ridicule. President Seelye brought many gifts to the fulfilling of his office, none more remarkable or more essential than his faith and courage.

It is impossible here to trace the growth of the instruction under his leadership. For thirty-five years he carried the college forward; and when he laid down his office in 1910, the tiny seed had become a great tree. The assets of the college had grown from the original bequest of about \$400,000 to over \$3,000,000, half of it endowment and half equipment; the Faculty from half a dozen to 122; the students from 14 to 1635; the buildings from 3 to 35. These figures are a testimony to his remarkable financial and administrative ability, yet they are chiefly important as symbols of a greater achievement. What he had erected was not to be properly described in terms of physical and financial assets; it was a living organism, with a distinct personality and an abounding vitality. With few educational theories—none of them revolutionary—he had set a-going a process for the molding of the minds and spirits of young women, had supervised the process for a generation, and had stamped upon several thousand graduates the mark of his own ideals and his own integrity. He was a great man, but his achievement was even greater, for as far as we can see what he created will last as long as our phase of civilization endures.

III

It is hard to follow the king, and the problem which faced President Seelye's successor was no easy one. The growth of the college had acquired a strong momentum, and numbers increased of themselves; Mr. Marion Le Roy Burton's task was to perfect the organization for taking care of these numbers. This meant the modernizing of the business methods of the administration, the improvement of the ratio of instructors to students with a view to more efficient teaching, the raising of salaries to retain and improve the staff, the providing of more adequate equipment, and the revision of the curriculum. These things mean money, and with the assistance of the alumnae and at great expense of energy on his own part, President Burton raised a million dollars—an achievement far greater than it seems in these postwar days. This sum permitted a substantial if temporary relief in the matter of salaries; the staff was increased to reasonable numbers, and accumulated funds were used to supply the urgent needs of the biological sciences for a new and adequate laboratory building. The curriculum was revised by the

Faculty under the tactful leadership of President Burton—who thus proved he could weather the most trying of academic tempests. The seven years of his service saw the further growth of the college to over 1900 students, the increase of its assets by over \$1,000,000, and substantial progress in educational efficiency. The business reorganization was well begun, arrangements were made for a new method of admission, and all sails were set for a long and prosperous voyage, when suddenly Mr. Burton was called elsewhere.

IV

The third administration of Smith College opened in the troubled days of the Great War. President William Allan Neilson's first contacts with the alumnae came with the launching of the work of the Smith College Relief Unit in France, and he learned something of the quality of the graduates who had been trained by his predecessors, as he became familiar with the effectiveness and the joyous devotion with which that band of heroic women and their supporters at home carried through their undertaking. It is probable that since the founding of the college no such test had occurred of the power of the alumnae to work together for a cause outside the college, of their adaptability to new tasks and strange conditions, of their initiative and persistence. Against a thousand obstacles they achieved what they set out to do. The erection of the Grécourt Gates at the entrance to the college fittingly commemorates the appropriate part played by Smith women in the struggle of the nations.

The war and its aftereffects complicated in many ways the problems of the management of the college. The rise in prices shortly canceled the increase in resources from the Million Dollar Fund collected under President Burton, and the need for more money for instruction became greater than ever. Numbers went up to twenty-one hundred with no signs of abating. The campus dormitories housed only two-fifths of the students. Classrooms and laboratories were overcrowded. Perplexities caused by physical and financial stringency threatened to absorb all our energies to the neglect of more strictly educational problems.

Again the alumnae came to the rescue. Taking the whole burden of organization upon their own shoulders, they undertook to raise \$4,000,000 to meet the most pressing needs, and at Commencement 1920, after a campaign calling for immense resource, persistence, and devotion, they placed pledges for that amount in the hands of the Trustees. Half was used for instruction, and enabled the college to compensate its teachers for the loss suffered in the decrease in the value of the dollar; the other half went to making up in part the arrears in housing and academic equipment which had been incurred by the growth in numbers.

Meantime, in spite of entrance examinations and rising standards, the pressure for admission at the gates of Smith as of its sister colleges continued to increase, and the college was forced to limit its numbers to two thousand. Much as one may regret an apparently arbitrary restriction upon the scope of its influence, it seems clear that the effect of this decision is, through forcing a more severe standard of selection, to secure a higher level of preparation and intelligence and a more homogeneous body of students than we should otherwise have had.

One is always tempted to dwell on the contrast between the small beginnings and the present achievement: between the original corner lot of 13 acres and the present campus of 176; between Sophia Smith's \$400,000 and the present assets of about \$21,650,000; between the first class of 14 and today's 2100; between the group of 11 graduates of 1879 and the present alumnae roll of 20,375; between the three

original buildings and those which rise on the campus today. Many more contrasts could be drawn to show material growth, but the evidence lies all around us, and the development of the college in other ways is of greater significance.

One of the largest resident women's colleges in the world, Smith College faced problems which it shared with both colleges and universities. President Neilson desired to develop all the advantages which only a large institution can offer, and at the same time to avoid any disadvantages which seemed inherent in the size of the institution. Laboratory and library facilities were developed. The number of instructors was constantly increased, though the number of students remained the same. The last years of the third administration saw the accomplishment of a goal long sought, that all students should live "on campus." With the exception of those local students who live at home, the college now houses all its undergraduates; yet this was brought about without loss of the original "cottage plan" which the founders established. Smith College believes firmly in the value of the small group, with the result that few dormitories house more than seventy students, while groups of twenty to thirty are not uncommon. In addition, President Neilson developed an administrative system designed to assure students all possible personal direction and assistance, yet leaving them free to develop independence. The Class Deans divide with the Warden, the Dean, and the Registrar responsibilities often centered in one office. Six physicians have charge of student health and of training in personal and social hygiene. A Director and an Associate Director give full time to vocational guidance and placement work.

Various significant developments in the course of study also give evidence of the attempt of this administration to adjust education both to a large group and to the individual. Revision of the curriculum, under President Neilson's guidance, resulted in a course of study which offers a thoughtful combination of the advantages of the "free elective" and of the "prescribed" systems. An attempt has been made to assure the students a broad general foundation in various fields of knowledge during the first two years, followed by a more intensive study of a major subject during the last two. One of the most significant and important of all the innovations introduced by President Neilson was the Junior Year Abroad, which for many years permitted students interested in modern languages to increase their language facility in the only really satisfactory way, and at the same time to become acquainted at first hand with the culture and daily life of European countries. The return to Northampton annually of these students, together with the presence on the campus of foreign students studying on the fellowships established by the Trustees, has made for a broader understanding of international problems. To compensate somewhat for this lack of opportunity during the war years the College set aside German, Dawes, and Washburn Houses for students interested in German, French, and Spanish. In each the Head of House speaks the language and the Faculty resident is a member of the department concerned. So far as possible the atmosphere of the house is that of the country represented. This year in Mexico there is a group of Juniors majoring in Spanish, in Geneva a group majoring in the social sciences, and for the second time since 1939 there are groups in France and Italy. As a member of an intercollegiate group there is one Junior in Zurich.

For the fourth year Smith College is co-operating with the University of Toronto in the exchange of a small number of Juniors.

While Smith College has always been and remains a liberal arts college and offers no professional work *per se*, it nevertheless affords unusual opportunities to those students who are seriously preparing for professions. Interdepartmental majors

permit prospective students of medicine, public health, nursing, landscape architecture, and theatre to enter professional schools with excellent preparation. The Department of Art with the Smith College Museum of Art (the Hillyer and the Tryon Galleries), and the Department of Music, housed in one of the most completely equipped music buildings in the country, afford work in technical art and practical music, in addition to training in the theory and history of these arts. Students interested in recent movements in education may observe at first hand the working out of two interesting contemporary experiments in the Day School, a school of progressive type offering instruction to children from five years of age through the junior high school, and in the Elisabeth Morrow Morgan Nursery School for children from two to five years.

During the Neilson administration, with no loss of emphasis upon undergraduate work, the graduate division of the college developed markedly. Work leading to the degrees of Master of Arts, Master of Education, and Master of Science in Physical Education is offered; the degree of Doctor of Philosophy is occasionally conferred. The Smith College School for Social Work, which had its origin in 1918, has taken an important place among professional schools, and offers annually to approximately one hundred and fifty candidates work leading to the degree of Master of Social Science.

President Neilson's great interest in the development of the undergraduate college was recognized upon his fifteenth anniversary by the establishment on the part of the Trustees of the Neilson scholarships, awarded annually to ranking scholars of the three upper classes. His profound concern with scholarship and research on behalf of the Faculty was commemorated by the endowment of the William Allan Neilson Chair of Research, to be occupied annually by a scholar or scholars chiefly concerned with the carrying on of research in any of the fields represented by the curriculum. The list of those who have occupied this chair is printed at the end of this section.

V

History repeats itself. The fourth administration of Smith College began, like the third, in a time of international conflict, under the cloud of wars and rumors of wars. President Neilson retired at the end of the academic year 1938-39; during the interregnum Mrs. Elizabeth Cutter Morrow served her college as Acting President, and earned the deep gratitude of Trustees, Faculty, alumnae, and students. At the opening of the year 1940-41, President Herbert Davis, formerly Professor of English at the University of Toronto and at Cornell University, took office. "This is not a time to prophesy smooth things, or to dream dreams," President Davis said in his inaugural address on October 17, 1940. "It is not a time for experiment; not a time to advance to new positions, or to undertake new responsibilities. It is a time rather for consolidation, for holding on to what we know is worth maintaining." The chief purpose of education, defined by President Davis—"to produce free spirits, and to let them work freely"—continues to be the chief purpose of Smith College. As at its foundation and during the successive chapters in the history of the college, so today the educational policy of Smith College may be defined in these words:

The purpose of Smith College is to afford intelligent and adequately prepared young women an opportunity to obtain such knowledge of the world and of thought, and such appreciation of artistic and of ethical values as will enable them to develop their best potentialities to the fullest degree, to spend their leisure hours

valuably, to enjoy life in a civilized manner, and to become forceful members of their communities.

The college aims to foster a rigorous and unsentimental regard for facts, a critical attitude toward theories, a tolerant view of religious and ethical questions, and a varied development of individual personality.

In pursuance of this aim, the required studies are intended to give every student contact with the main fields of knowledge and appreciation; the system of major studies to insure some mastery of a particular field; the Honors scheme to encourage the independence of those above the average in ability; and outside activities to afford opportunity for spontaneous participation in sports, dramatics, music, reading, and social life.

The resources of the college are limited, the aspirants numerous; and only those who maintain a satisfactory objective standard of intellectual achievement and self-controlled behavior can expect to gain and to retain the privilege of membership in the student body.

VI

After December 7, 1941, when this country found itself plunged suddenly into war, Smith College pledged itself, in common with all our colleges and universities, to take its full share in the national war effort. Before many months had passed members of the Faculty were called away for research, for government service, and for service with the armed forces, and many of the men in the Department of Buildings and Grounds enlisted, were drafted, or left for special work in war industries.

In 1942, after the passing of the Act to establish a Women's Reserve in the Navy, the Navy Department invited the College to provide the necessary facilities for the establishment of the first Officers' Training Unit of the Women's Reserve. This was done with the help of the Hotel Northampton and with the enthusiastic co-operation of the Alumnae Association, which set aside part of the Alumnae House to serve as Headquarters.

Captain Underwood arrived with some of the administrative and teaching staff of the Unit during August, 1942, the first group of officers, including eight of our alumnae, were commissioned September 30, and on October 6 the first full complement arrived to begin their training, among them being thirty-eight of our alumnae and former students. The School was closed after the graduation of the twenty-eighth class December 21, 1944, when approximately 9567 officers had been commissioned. The advanced course in Naval Communications continued to operate until February 27, 1945.

HOLDERS OF THE WILLIAM ALLAN NEILSON CHAIR OF RESEARCH

- Kurt Koffka, Ph.D. Psychology. 1927-32.
G. Antonio Borgese, Ph.D. Comparative Literature. 1932-35.
Sir Herbert J. C. Grierson, M.A., LL.D., Litt.D. English. 1937-38 (2d sem.).
Alfred Einstein, Dr.Phil. Music. 1939-40 (1st sem.).
George Edward Moore, D.Lit., LL.D. Philosophy. 1940-41 (1st sem.).
Karl Kelchner Darrow, Ph.D. Physics. 1940-41 (2d sem.).
Carl Lotus Becker, Ph.D., Litt.D. History. 1941-42 (2d sem.).
Albert F. Blakeslee, Ph.D., Sc.D. (hon.). Botany. 1942-43.
Edgar Wind, Ph.D. Art. 1944-48.
David Nichol Smith, M.A., D.Litt. (hon.), LL.D. English. 1946-47 (1st sem.).

GENERAL INFORMATION

EVERY student is held responsible by the Faculty for the observance of the academic and social regulations of the College. A student who does not comply with these regulations, whose general attitude shows a failure to profit by the influences of the College, or who in the judgment of the administrative officers lacks the maturity of character or the physical strength demanded by college life, may at any time be required to withdraw.

A student found guilty of intentional dishonesty in her college work is liable to forfeit her connection with the College.

RESIDENCE

Smith College has the policy of housing its students in houses of its own in small groups, each group accommodating on an average from fifty to sixty students. Except for a few smaller houses which are grouped together in one unit, each house has its own living rooms, dining room, and kitchen, and is in charge of the Head of House, who devotes her whole time to the administration of the house and to the personal care of the students in her charge. Regulations for the life in these houses have been made by the Student Government Association in co-operation with the Administration of the College, and are carried out by the Head of House and the House President. In most of the houses there is resident a member of the Faculty. It is the aim of the College to provide in these houses homelike surroundings and conditions favorable for study and community life.

Entering students will receive a blank, especially provided for the purpose, on which they should state if possible their preferences for houses. This blank should be returned to the Office of the Warden by June of the year of entrance. Rooms are assigned to entering students after the required deposit of \$50 is paid and preferences are honored in the order of the students' original dates of application for admission to college, except when students are admitted from a waiting list or where a reasonable geographical or other distribution makes it unwise. Order of application is not considered in making assignments after the Freshman year, the order of assignment to the three upper classes being determined by lot. Any student may move from one house to another once during her college course.

Rooms are assigned for the college year. No refund will be allowed except in extreme cases of which the College shall be the sole judge. All notices of withdrawal should be sent immediately to the Registrar's office in the case of upper-class students, and to the Board of Admission in the case of entering students, and room assignments will then be canceled. Failure to file a course card in the spring involves the loss by the student of any room assignment that may have been given her for the following year. The College reserves the right to move students from house to house during the academic year.

Students who plan to re-enter must be readmitted to college by notice from the Registrar before rooms will be assigned. No assignments will be made, however, until after the receipt of the required deposit fee by the Registrar.

Entering students who are receiving free tuition as residents of Northampton will not be assigned rooms in college houses until vacancies occur after the opening of college.

A student who desires to live in any house other than those operated by the College must receive permission from the Office of the Warden.

At the end of the year students of the two lower classes are expected to give up their rooms twenty-four hours after their last examination but not later than the last Wednesday of the term, unless their presence is required at Commencement.

The College supplies a bed, mattress, pillow, one pair of blankets, and all bed and table linen, but students should bring towels. It also provides a chest of drawers, mirrors, at least one chair, and a desk. These may not be removed from the room.

Furniture, trunks, and other possessions of students may be sent to their houses not more than five days before the opening of college. All carriage charges must be prepaid. Measurements for draperies and covers may be taken only after the room is occupied.

The College assumes no liability for damage to the personal possessions of students in college buildings or for their loss by fire or theft. It is therefore suggested that insurance be taken out if it seems desirable.

A student who leaves personal possessions in the house does so at her own risk. Articles remaining unclaimed in a house for more than one year after a student has left college will be disposed of by the College.

A charge of \$5.00 is made for each radio or electrical record player. Laundry for students may be done at the college laundry at reasonable rates provided each article is marked with the student's name.

The College is operating all houses under a co-operative plan of student work. Each student is expected to do up to four hours of work per week normally and more in times of emergency in addition to taking care of her own room.

RELIGIOUS LIFE

The College expresses its concern for the religious development of the students through the appointment of a chaplain, the sponsoring of Vespers on Sundays throughout the academic year at which prominent ministers from all sections of the country are invited to speak, and through a worship service held in the evening from Monday through Friday in The Little Chapel. A large and active Religious Association carries on a vigorous program on the campus, and the churches in Northampton welcome students to all of their activities.

HEALTH

The health of the students is under the supervision of the College Physician, assisted by four other full-time physicians. This includes care either at the office or in the College Infirmary when the student is ill in any way, and co-operation with other departments of the college in all matters having to do with either public or individual health. No charge is made to the students for care by the college physicians; however, in complicated cases, they may require consultation with local or out-of-town physicians or specialists. Bills will then be submitted by these physicians as in private practice elsewhere.

Students may remain in the Infirmary with routine nursing care for seven days each year without charge, but no more than three free days may be used for any one illness; beyond that time the charge is \$6 a day. If a student requires special nursing the usual charges for such care will be submitted.

The College has arranged to co-operate with a reputable insurance company in offering a voluntary insurance plan which protects the student over a twelve-month period, whether in residence at college or not. Students are strongly urged to take out this insurance which gives unusual protection in addition to that which the college offers without charge.

In the interests of individual and community health every student is expected to comply with the following regulations:

1. When a student receives a card asking her to report to the Doctors' office she must do so at the time indicated.
2. (a) If a student feels ill, has been injured, or has any sort of physical disability she should, if she is able to do so, go to the Doctors' office to consult one of the college physicians during office hours.
(b) At other times she should consult her Head of House. If the Head of House is out and the condition requires immediate attention the student should telephone the Infirmary.
3. If she is detained in her room because of illness the Head of House will give her a slip to sign reporting her case, and the Head of House will be responsible for its delivery to the Doctors' office. These slips must be made out at the time when the illness occurs.
4. (a) If she is taken ill during an examination she must go directly from the examination to the Doctors' office or to the Infirmary. Only if this procedure is followed will arrangements for a make-up examination be made.
(b) If she is taken ill in the house so that she is unable to go to an examination she must report to her Head of House immediately so that the proper authorities may be informed. If the Head of House is not there at the time she should go at once to the Infirmary.
5. If she wishes to enter the College Infirmary for treatment or rest she should apply at the Doctors' office or consult her Head of House.
6. When she has been in an accident she must report to the Doctors' office within twenty-four hours even if she does not seem to be injured.
7. If she wishes to leave town for any type of medical treatment, dental care, or consultation with an oculist, she must first discuss the advisability of her plans with the College Physician.
8. If she becomes ill while away from college and is not able to return on schedule she must notify the College Physician as well as her Head of House. When she returns she must bring a note from her physician to the College Physician stating the nature of her difficulty and possible suggestions for her care.
9. If she is exposed to a communicable disease while in college she must report at once to the Doctors' office to learn how best to protect herself and her fellow students. If she is exposed elsewhere she must not return until she has communicated with the College Physician and has fulfilled whatever requirements may be suggested.

Students must comply with the preceding regulations in order that recommendations may be made to the Registrar and the Warden for excuses from classes missed or nights spent away from college because of illness.

EXPENSES

The registration fee of \$10 for application for admission to college is not refunded nor is it credited on any bill.

A deposit of \$50 is payable on or before July 1 of the year of her entrance by each student admitted to Smith College. If the deposit is not received at that time, the College reserves the right to determine whether and on what conditions students who wish to make later payment shall be admitted. This deposit will be retained until after graduation or withdrawal from college. Shortly after graduation the deposit, less any incidental outstanding charges, will be refunded. In case of withdrawal, if notice in writing is filed with the Registrar prior to July 1 in respect to the first semester or prior to December 1 in respect to the second semester, the deposit will be refunded; otherwise it will be forfeited.

The graduation fee of \$10 is payable by all Seniors at the beginning of their last semester. In case of failure to graduate this fee will be refunded.

One-half of the annual fees for tuition, board, and room must be paid in advance at the beginning of each semester. Semester bills are mailed to the home address about ten days before the beginning of the semester. Students who fail to pay their regular semester bills within the first week of a semester or any other college bill within ten days of its date may be excluded from college. All college bills must be paid before a student is granted a degree.

Refunds will be allowed on students' bills only in extreme cases of which the College shall be the sole judge.

Each student is entitled to one transcript of her college record. A fee of \$1.00 will be charged for each additional copy.

Tuition and residence fee \$1400.00

Nonresident fee 750.00

Fee for graduation. 10.00

Fees for courses in practical music:

Vocal or instrumental, for the college year:

One hour lesson a week	\$150.00
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One additional half-hour lesson taken for extra credit	75.00
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Courses in ensemble when given individually	50.00
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Use of room for piano or vocal practice, one hour daily	10.00
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Use of room for violin or other practice, one hour daily	5.00
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Use of practice organs in John M. Greene Hall, one hour daily	25.00
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Use of college orchestral instruments, one hour daily	10.00
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Fees for classes in riding (optional):

	Freshmen	Sophomores
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Fall term	\$37.50	\$56.25
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Winter term	35.00	35.00
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Spring term	32.50	48.75
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Fall and spring terms if the entire fee is paid in the fall	60.00	95.00
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Students not in these classes may buy twenty-hour tickets for \$40.

For winter sports \$3 is charged to cover the cost of transportation to ski or hiking centers. Those who choose golf pay a small amount for transportation and for greens fees.

The College reserves the right to change its fees at the end of any term if conditions should make it necessary.

Additional expenses, which can only be estimated, would include from \$25 to \$50 for books, about \$25 for subscriptions, dues, and student extracurricular activities (the so-called "blanket tax"), and from \$50 to \$100 for recreation and incidentals.

SCHOLARSHIPS, GRANTS, LOANS

Smith College, desirous of recognizing distinction and of aiding students of ability who are unable to meet their entire college expenses, offers scholarships of var-

ious amounts toward the payment of tuition and in some cases residence. Grants are awarded to students not of scholarship standing for which work up to six hours a week is done. The Self-Help Bureau (see page 51) makes it possible for students to earn some money. The Smith Students' Aid Society (page 52) makes loans to members of the three upper classes.

Applications for scholarships and grants should be addressed to the Director of Scholarships and Student Aid before March 1.

SCHOLARSHIPS

Endowment funds given to the College to be used for scholarship aid are listed in the following pages. To augment the sum received as income from these funds the Trustees appropriate an additional amount each year from general income, and current gifts are received from clubs and branches of the Alumnae Association and from other organizations.

Freshman Scholarships. A certain number of scholarships are awarded by the College to incoming Freshmen of exceptional ability, the amount being based on financial need. These awards will be renewed annually if the student's academic work proves satisfactory to the Scholarship Committee of the Faculty.

A special scholarship for study of the classics is awarded each year to a Freshman showing marked ability and interest in classical languages.

The National Scholarships available for Freshmen are described on page 51.

Scholarships are awarded to students in college on the basis of academic standing, personal qualifications, and financial need. Applications should be made to the Director of Scholarships and Student Aid by February first.

Free tuition (but not including charges for courses in practical music) may be granted at the discretion of the Trustees to undergraduates who have been residents of Northampton or of Hatfield for three years before the date of their admission to college, provided they are able to satisfy the full requirements for admission; and this grant may be continued through their college course, provided they maintain diploma grade and conform to the regulations of the college, and continue to be residents of Northampton or of Hatfield.

The College awards fifteen scholarships in music each year.

Two tables of the value of \$100 each are maintained by the College at seaside laboratories for the benefit of students who show marked proficiency in the Departments of Zoology and Botany.

First Group Scholarships

The following scholarships are awarded to students of highest academic standing:

The Neilson Scholarships. Not more than fifteen scholarships, created by the Board of Trustees in honor of President William Allan Neilson on the completion of fifteen years of his administration, to be awarded annually to students in the first group of scholars in the three upper classes.

The Dwight W. Morrow Scholarships. Ten scholarships to be awarded to Seniors in the first group of scholars.

The William A. Neilson Scholarship fund for full tuition.

The Sophia Smith Scholarships. These scholarships are awarded without stipend to members of the three upper classes whose standing entitles them to a place in this group.

Endowed Scholarships

The J. J. Albright Scholarship fund of \$6700.

The Susan Fuller Albright Scholarship fund of \$6750, founded by the Smith College Club of Buffalo, the income to be awarded to a student from Buffalo.

The Franklin Baldwin Scholarship fund of \$1200.

The Bartol Scholarship fund of \$72,713.80.

The Suzan R. Benedict Scholarship fund of \$10,020.47, the income to be awarded to undergraduates majoring in mathematics.

The Mary Nichols Billings Scholarship fund of \$5000, given by Mr. Charles E. Billings. According to the wish of the founder, in the award of this scholarship the daughters of missionaries or those preparing for foreign missionary work will receive the preference.

The Mildred Louer Bird Scholarship fund of \$16,000.

The Morris A. Black Scholarship fund of \$2000, the gift of a nongraduate member of the class of 1895.

The President Burton Memorial Scholarship fund of \$33,512.03. Two scholarships of \$750 are awarded to members of the Freshman class.

The Jean Cahoon Memorial fund of \$10,000.

The John A. Callahan Scholarship fund of \$7084.04, the income to be applied yearly towards tuition for any pupils who have graduated at the Highland Grammar School in Holyoke, Massachusetts, now known as the Junior High School, and who have thereafter graduated at the Holyoke High School.

The James R. Campbell Scholarship fund of \$1009.97 for needy girls from New Hampshire or Connecticut, bequeathed by Miss Jennie Isabel Campbell 1893 in memory of her father.

The Bessie T. Capen Scholarship fund of \$5531.25 from the graduates and former students of the Capen School.

The Class of 1883 Scholarship fund of \$2151 in honor of Elizabeth Lawrence Clarke, Class President for fifty years.

The Class of 1887 Scholarship fund of \$10,000.

The Scholarship Fund of the Class of 1897, amounting to \$5682.87, the bequest of Lucy O. Hunt of that class.

The Sara Hunt Clough Memorial fund of \$1000, founded by Mr. Nathan P. Hunt, the income to be used preferably for daughters of graduate members of the class of 1895.

The Mildred E. Ford Cobb Memorial Scholarship fund of \$10,000, the income to be used for students from Cleveland or the vicinity.

The Katharine Baylis Cochran Scholarship fund of \$8000, the income to be awarded preferably to the daughter of a present or former missionary, minister, or educator.

The E. C. Converse Scholarship fund of \$50,000.

The Augusta E. Corbin Scholarship fund of \$8000, the gift of Mrs. James Owen Foss (Mabel Chick 1905).

The Charlotte Graves Cross Scholarship fund of \$5390, founded by Mr. Raymond W. Cross and Mr. Harvey B. Graves, the income to be given preferably to students from Rochester, N. Y., or vicinity. Application for this scholarship may be made through the Smith College Club of Rochester.

The Vivian Bubb Decker Scholarship fund of \$1000, given by Mrs. Bernice Decker Taylor 1919 for students of vocal music.

The Mary D. Dey Scholarship fund of \$5000, the gift of Mrs. Donald Dey 1884, alumnae trustee from 1896 to 1902. This scholarship is to be awarded to members of the three upper classes, preference being given to daughters of clergymen and teachers.

The Anna N. Dice and John William Dice Memorial Scholarship fund of \$2000, given by their sister Miss Elizabeth Lind Dice 1905.

The Elizabeth Lind Dice and John Dice Memorial Scholarship fund of \$3000, founded by their daughter Elizabeth, the income to be awarded to a Freshman or a Sophomore.

The Elizabeth Lind Dice 1905 Scholarship fund of \$1000, given by her brother Mr. Louis Robinson Dice, the income to be awarded to a Freshman or a Sophomore.

The Mary Carter Duncan Scholarship fund of \$10,000.

The Elizabeth Edwards Memorial Scholarship fund of \$5000, founded by Mr. and Mrs. George S. Edwards.

The Constance Elaine Memorial Scholarship fund of \$5000, founded by Miss Caroline Phelps Stokes. The benefit of this scholarship is for young women who intend to be teachers, preference being given to those living outside of the United States; failing applicants from abroad, to students from Massachusetts or Connecticut.

The Elizabeth S. Fisk Memorial Scholarship fund of \$2000.

The Ida E. Fisk Memorial Scholarship fund of \$2000, bequeathed by Miss Elizabeth S. Fisk 1895.

The Marietta Miles Fisk Memorial Scholarship fund of \$2000, also bequeathed by Miss Fisk.

The Elizabeth Fobes Scholarship fund of \$1000, founded by Miss Elizabeth Fobes in memory of her niece Elizabeth.

The Mary P. Fowler Scholarship fund of \$15,000, the income to be used for a deserving student who shall at the end of her Junior year be judged to be pre-eminent for scholarship and for the power of leadership among her fellow students.

The Emily Frink Scholarship fund of \$2000.

The Fannie Furman Memorial Scholarship fund of \$10,000, founded by the Smith College Club of Rochester, N. Y.

The Eleanor N. Gaffield Scholarship fund of \$10,000, a bequest of Mrs. Minnie N. Gaffield in memory of her daughter.

The Gamble Scholarship fund of \$2000.

The Gannett Memorial Scholarship fund of \$2000, given by the Gannett Association of Boston in memory of Reverend George Gannett, Principal of the Gannett Institute of Boston, on the condition that applicants who are nominated by the executive committee of the Gannett Association and who present satisfactory evidence of high scholarship shall be preferred in the award. When no such applicant is presented, the scholarship may be awarded at the discretion of the college authorities.

The Carrie L. W. and Marion Gary Scholarship fund of \$12,437.23, the income to be used for students from Vermont if possible.

The Jessie S. R. Goldthwait Scholarship fund of \$10,000.

The Mary Louise Brown Graham Scholarship fund of \$8840 (formerly the Smith College Club of Pittsburgh fund), the income to be awarded preferably to a student from the vicinity of Pittsburgh.

The Ellen Clarissa Gross Scholarship fund of \$8000, founded by Mrs. Woods Chandler (Helen C. Gross 1905) in memory of her mother.

The Charlotte C. Gulliver Memorial Scholarship fund of \$10,040, given by the class of 1883.

The Julia Henrietta and Mary Gulliver Scholarship fund of \$9528.48.

The Anna Laura Holbrook Scholarship fund of \$14,508.56.

The Esther R. Holmes Scholarship fund of \$6000.

The Lucia Maria Houpt Scholarship fund of \$2500, the gift of Mr. Wilbur E. Houpt in memory of his daughter Lucia Maria Houpt 1912, the income to be given to that student who shall show natural and cultivated talent in art, and who needs assistance to continue her study.

The William Bertram Imlach Scholarship fund of \$8650.82, the income to be used for a scholarship in drawing and painting.

The Caroline E. Kilbon Scholarship fund of \$200.

The Jessie Stevenson Kovalenko Scholarship fund of \$5000, given in her memory by her husband Mr. Michael S. Kovalenko, the income to be awarded preferably to a student majoring in French or English.

The Mary Lanning Memorial Scholarship fund of \$5000, founded by Mr. and Mrs. W. H. Lanning of Hastings, Neb. This scholarship is awarded to a Sophomore.

The Latin-American Scholarship fund of \$7500, given by the class of 1890. This scholarship is for a student from a Latin country, or, if no such applicant is presented, to a student from some other foreign country.

The Alice and Florence Lord Scholarship fund of \$5023.64.

The Beatrice Austin Manning Scholarship fund of \$12,000 for the benefit of descendants of the class of 1902.

The Maplewood Institute Memorial Scholarship fund of \$5000, founded by the Maplewood Institute Association of Pittsfield.

The Helen Ayer Marden Scholarship fund of \$1000, the gift of Mrs. Frank W. Marden for students of vocal music.

The Nellie Eddy Mudge Scholarship fund of \$2000, founded by Dr. Seldon J. Mudge.

The Miriam Myers Memorial Scholarship fund of \$5000, given by Mrs. Guy C. Myers in memory of her daughter Miriam Myers 1933, the income to be used preferably for a student majoring in history.

The Harriet and Gurdon Pellett Memorial Scholarship fund of \$44,628.81, founded by Miss Sarah Frances Pellett 1882.

The Elizabeth Bartlett Phillips Scholarship fund of \$5000, the gift of Mr. James Phillips, Jr.

The Ellen Plimpton Scholarship fund of \$6000, given by Mrs. Elsie Fay Jordan 1892 in memory of her mother.

The Edith Nichols Putney Memorial Scholarship fund of \$1771.49, founded by the XYZ Club of Erasmus Hall and Newtown High Schools of New York City, a mathematics club organized and directed by Miss Putney 1899.

The Christina Rounds Memorial Scholarship fund of \$6000, given by the Alumnae Association of Miss Rounds's School (Brooklyn), the income to be awarded preferably to students from Brooklyn.

The Lucy J. Russell Scholarship fund of \$1000.

The Benjamin and David Scharps Scholarship fund of \$2500 established by Benjamin Scharps, the income to be awarded for proficiency in pianoforte playing.

The Alice Goodwin Schirmer Scholarship fund of \$5000.

The Edith Scott 1909 Scholarship fund of \$8000, founded by Mr. Walter Scott of New York, given preferably to a Senior.

The Sadie D. Scott Scholarship fund of \$8000, also founded by Mr. Scott.

The Emma E. Scranton Scholarship fund of \$1000, given by the friends of Miss Scranton.

The Seaver Scholarship fund of \$2000.

The Edith Dudley Sheldon Scholarship fund of \$1500.

The Elsie Damon Simonds Scholarship fund of \$25,350, the income to be awarded to students from Fitchburg or from Massachusetts.

The Andrew C. Slater Scholarship fund of \$4000, the income to be given preferably to a Junior or Senior from Massachusetts.

The Anna Margaret Sloan and Mary Sloan Scholarship fund of \$14,195.21, the income to be awarded to students who are especially interested in the study of philosophy or psychology.

The Louise Smith Scholarship fund of \$51,585.51.

The Smith College Club of Buffalo Scholarship fund of \$100.

The Smith College Club of Cincinnati Scholarship fund of \$10,788.47.

The Smith College Club of Cleveland Scholarship fund of \$4176.16.

The Smith College Club of Detroit Scholarship fund of \$7341.26 for full tuition for a student preferably from Detroit or Michigan.

The Smith College Club of Fitchburg Scholarship fund of \$5000.

The Smith College Club of New Haven Scholarship fund of \$9418.24 for full tuition to be awarded to a student from New Haven.

The Smith College Club of New York Scholarship fund of \$15,000 for two full scholarships for students from New York.

The North Shore Smith College Club Scholarship fund of \$7265.75.

The Smith College Club of Philadelphia Scholarship fund of \$4271.84.

The Smith College Club of Rhode Island Scholarship fund of \$12,000 for full tuition to be awarded preferably to a student from Rhode Island.

The Smith College Club of Seattle Scholarship fund of \$3561.28 for full tuition.

The Smith College Club of Winchester Scholarship fund of \$400.

The Emily Hitchcock Terry Memorial Scholarship fund of \$3000, the income to be given to a student of the Department of Botany.

The Helen Rand Thayer Scholarship fund of \$10,000 to be used for New Hampshire students recommended by the New Hampshire Smith College Club.

The Julia Ball Thayer Scholarship fund of \$6000, founded by Miss Julia Beatrice Thayer for the education preferably of students from Keene, N. H.

The Eva I. Titman Scholarship fund of \$5000, the income to be given to a Junior majoring in history.

The Roslyn Titman Scholarship fund of \$5000, the income to be given to a Junior majoring in sociology.

The Rodney Wallace Scholarship fund of \$10,000, established by Mr. Herbert I. Wallace and Mr. George R. Wallace as a memorial to their father the Hon. Rodney Wallace of Fitchburg, for twenty-five years trustee of Smith College.

The Sophia Billings Wallace Scholarship fund of \$5000, given by Mr. Rodney Wallace.

The Sophia Ingalls Wallace Scholarship fund of \$5000, the gift of Mr. Rodney Wallace.

The Julia Carolyn Weston Scholarship fund of \$10,000, founded by Mr. John McWilliams in memory of his wife, a member of the class of 1900. The income is to be awarded preferably to a student from California, or, failing that, to a student from the Pacific Coast area.

The Margaret White Memorial Scholarship fund of \$5000.

The Hiram Whittington Scholarship fund of \$10,000, bequeathed by Mrs. Amy W. Eggleston 1895 in memory of her father.

The Wood Scholarship fund of \$10,000.

The Robert M. Woods Memorial Scholarship fund of \$5000.

New Endowed Scholarships of the 75th Anniversary Fund

(Completed and in the process of completion)

The Elizabeth Arden Scholarship fund of \$20,000, the income to be awarded to a Senior who has achieved and maintained through her first three years good scholastic standing, a position of leadership among her fellow students, a high standard of health, and an attractive personality and appearance.

The Elizabeth Harper Arnold Memorial Scholarship fund of \$10,000 given by Mrs. Harry Bartley Arnold 1900.

The Carolyn Peck Boardman 1891 Memorial Scholarship fund of \$5165 given by her sons, Mr. Ronald P. and Mr. William E. Boardman.

The Gibson Lamb Caldwell Memorial Scholarship fund of \$9400 given by Mrs. Gibson Lamb Caldwell, the income to be used for a French student preferably in the Junior or Senior year.

The Helen Clarissa Gross Chandler 1905 Scholarship fund of \$10,000.

The Elizabeth Marguerite Dixon Clark 1906 Memorial Scholarship fund of \$17,000 given by her husband Mr. Henry A. Clark.

The Class of 1897 Scholarship fund of \$22,562.95.

The Class of 1898 Scholarship fund of \$6122.50.

The Class of 1905 Scholarship fund of \$10,150.

The Virginia Winslow Davis 1909 Scholarship fund of \$10,000.

The Paul Dudley Dean Memorial Scholarship fund of \$4005 given by his family and friends.

The Eleanor S. Duckett and Mary Ellen Chase Scholarship fund of \$10,000 given by friends.

The Gertrude Gladwin 1900 Memorial Scholarship fund of \$10,476 given by friends.

The Howard Rogers Clapp and Howard Rogers Gleason Memorial Scholarship fund of \$10,500 given by members of their families.

The Elizabeth Firestone Graham 1938 Scholarship fund of \$21,221.25 given by her mother and classmates.

The Elizabeth Bancker Gribbel Memorial Scholarship fund of \$10,000 given by Mrs. James A. McCurdy 1909.

The Elizabeth Deering Hanscom Scholarship fund of \$10,038.60 given by friends.

The Mary S. Harkness Scholarship fund of \$10,000.

The Helen Hills Hills 1908 Scholarship fund of \$20,000.

The Ellen Holt 1890 Scholarship fund of \$10,005 given by friends.

The Lillia Babbitt Hyde Foundation Scholarship fund of \$20,000, the income to be used for a premedical student.

The Ruth Eckhart Jarvis 1922 Scholarship fund of \$10,500 given by her husband Mr. Lewis A. Jarvis.

The Emily Harris Jones 1936 Scholarship fund of \$10,000 given by her parents Mr. and Mrs. Frederic Jones, the income to be used for needy students from Springfield or Western Massachusetts.

The Kresge Foundation Scholarship fund of \$5000.

The Lathrop Memorial Scholarship fund of \$1350.

The Agnes Linton Scholarship fund of \$1000.

The Jeannette Laws McCabe 1919 Scholarship fund of \$13,800 given by her husband Mr. Thomas B. McCabe, the income to be used for an annual Freshman scholarship to be awarded to a student from the area comprising the Counties of Bucks, Chester, Delaware, Montgomery, and Philadelphia in the State of Pennsylvania. The qualities to be considered in determining the choice shall be character, leadership, scholarship in the order named. The recipient will be determined by Smith College with due consideration to be accorded the recommendations of the President of the Smith College Club of Philadelphia or her designees.

The Helen Roberts McCormick ex-1926 Scholarship fund of \$10,300 given by her husband Mr. Robert E. McCormick and friends.

The Ethelyn McKinney 1895 Scholarship fund of \$20,000.

The Barbara McRoy Scholarship fund of \$43,496.85.

The Ida A. Nathanson Memorial Scholarship fund of \$5000 given by her husband Mr. Edward A. Nathanson, the income to be used to pay the way of some needy student.

The Alice Edgerton Parsons 1928 Scholarship fund of \$5000 given by her mother Mrs. Edgerton Parsons 1897.

The Barbara Whitney Peck Scholarship fund of \$10,000, the income to be used for a student interested in dramatics.

The Olive Higgins Prouty Scholarship fund of \$14,168.75, the income to be used for students with a talent for writing.

The Dagmar Megie Ross 1905 Memorial Scholarship fund of \$18,500 given by her husband Mr. George W. Ross, Miss Muriel Haynes 1904, and friends.

The Laura Shedd Scheweppe 1900 Memorial Scholarship fund of \$20,000 given by friends.

The Smith College Club of the Oranges Scholarship fund of \$12,513.

The Caroline Lounsbury Steele 1892 Memorial Scholarship fund of \$2778 contributed by "friends and pupils living about Germantown, Pa."

The Otto Sussman Scholarship fund.

The Lulu Morris Wadley Memorial Scholarship fund of \$5000 given by her daughter Mrs. Thomas S. Childs 1932.

The Jane O'Neil Wallis 1933 Memorial Scholarship fund of \$10,200 given by her parents Mr. and Mrs. J. H. Wallis and two friends.

The Mary Rankin Wardner 1892 Memorial Scholarship fund of \$10,000 given by Miss Eliza L. Mitchell 1892.

The Mary Bird Wells 1897 Memorial Scholarship fund of \$3454 given by friends.

The Westmoreland County (Pa.) Scholarship fund of \$9589.

The Ella Eames Wood 1883 Scholarship fund of \$2500.

The Josephine Clews Wrightson Memorial Scholarship fund of \$21,500 given by her five children.

Additions to previously endowed scholarships and fellowships

To the Class of 1883 Scholarship fund in honor of Elizabeth Lawrence Clarke \$6500 from friends.

To the Mildred E. Ford Cobb Memorial Scholarship fund \$5000 from her husband Mr. Frank M. Cobb.

To the Mary Louise Brown Graham Scholarship fund \$1160 from the Smith College Club of Pittsburgh.

To the Harriet Boyd Hawes Scholarship fund \$4894.63.

To the Elsie Damon Simonds Scholarship fund \$9000.

To the Jean Fine Spahr Fellowship fund \$250 from her daughter Miss Margaret Spahr.

National Scholarships

The Seven College Conference, an informal association of Barnard, Bryn Mawr, Mount Holyoke, Radcliffe, Smith, Vassar, and Wellesley Colleges, offers annually twenty-one scholarships to incoming freshmen, each college offering one in each of the three districts: Middle West (Kansas, Missouri, Nebraska), South (Louisiana, New Mexico, Oklahoma, Texas), West (California, Oregon, Washington). These scholarships vary in amount from \$100 to full expenses for tuition and residence.

Information and application blanks may be obtained from Mrs. F. Murray Forbes, Jr., 21 Beaver Place, Boston 8, Massachusetts.

Residence Scholarships

Residence scholarships are awarded in three co-operative houses. Entering students desiring rooms in one of these houses should make special application to the Director of Scholarships and Student Aid not later than March 1 of the year when admission is desired. Upperclass students apply for rooms in person at a time specified in the *Weekly Bulletin*.

Lawrence House and Albright House offer opportunity to one hundred and twenty-five students to reduce their living expenses. Board and room may be had in these houses for \$450 for the college year. Each student is expected to give approximately an hour a day to the work of the house in addition to the care of her own room.

Tenney House, originally established as the gift of Mrs. Mary A. Tenney, is not open to Freshmen. In this house the students co-operate in the purchase of food and in the duties of housekeeping. The cost for a room in Tenney House is \$150 for the year; current prices determine the cost of supplying the table.

In memory of Mrs. Tenney ten scholarships have been established known as the Tenney Residence Scholarships. These consist of \$100 each to be applied toward residence in any college house. They are awarded to students of approved character and scholarship in the three upper classes upon the recommendation of a committee consisting of Miss Mensel and Miss Lincoln.

A residence scholarship is awarded each year from the income of the Charles M. Thayer Memorial fund of \$3000 by the Committee on the Tenney Scholarships.

The White Lodge Scholarship is awarded annually by the President and the Warden.

FELLOWSHIPS

The list of fellowships awarded for graduate work and of those open to students from foreign countries will be found under Graduate Study.

SELF-HELP BUREAU

The College undertakes general supervision of the remunerative work done by undergraduates. Students wishing any kind of employment during the college year should register with the Director of Scholarships and Student Aid, and advice is gladly given in person or by correspondence on the subject of student earnings.

Only a limited amount of work is available, most of which is given to students of the three upper classes. Entering students can rarely do much outside work without damage to health or scholarship, so that it is undesirable for a girl to come to college without a good reserve fund to meet the greater amount of the expenses of the first year.

A few upper-class students may be appointed as full self-help students, doing twenty-one hours of work a week in the houses. They will pay a reduced fee for room and board.

SMITH STUDENTS' AID SOCIETY

The Smith Students' Aid Society, Inc., organized in 1897, offers, to the extent of its means, loans of varying amounts to students of approved scholarship and character from the three upper classes. Loans granted shall become due as follows: ten per cent on May 1 of the first year following that in which the borrower's class graduated from Smith College; thirty per cent one year later; and sixty per cent two years later. Interest at six per cent shall begin to run after the said maturity dates. Applications for loans may be made to Miss Eleanor T. Lincoln, 54 Prospect Street, Northampton. Contributions to the work of this Society may be sent to its treasurer, Miss Emma B. Proctor, College Hall, Northampton.

PRIZES

The Alpha Awards are made annually by a committee of the Faculty for excellence in the fields of creative writing, dance, drama, technical art, practical music or composition.

In 1947 Alpha pins were awarded to Joan Priscilla Johnson, Margot Carol Lehman, Barbara Markham Greene, Gwyneth Guiles, and Marie Breckwoldt, all of the class of 1948.

The Elizabeth Babcock Poetry Prize fund of \$2500, established by Miss Edith L. Jarvis 1909 in memory of Elizabeth Babcock ex-1911. The income is to be awarded annually for the poem adjudged best by a committee appointed by the Department of English. The competition is open to all undergraduates except those who have already won the prize; the poem submitted may not have been printed previously.

Awarded to Joan Priscilla Johnson 1948.

The Harriet Dey Barnum Memorial Prize fund of \$300, founded by the class of 1916, the income to be used for outstanding work in music.

Awarded to Patricia Ann Rapp 1948.

The Suzan Rose Benedict Prize fund of \$1085.47, the income to be awarded at the discretion of the Department of Mathematics to a Freshman or Sophomore who has done outstanding work in differential and integral calculus, the decision being made by the Department.

In 1948 divided between Edith Frances Anderson and Lesley Chapman Gerould 1950.

The Samuel Bowles Prize fund of \$2002.69, the income to be awarded to a Senior for the best thesis on a sociological or economic subject.

In 1948 awarded to Carlene Jane Hartenstein for a paper on "The Acceptance and Rejection of Jazz in the United States."

The John Everett Brady Prize fund of \$2000, the income of which is awarded for excellence in translating Latin prose and verse. A special examination is set in the spring.

Awarded to Juliane Dorothea Straus 1948.

The Margaret Wemple Brigham Prize fund of \$850, established in her memory by friends and associates of the Division of Laboratories and Research of the New York State Department of Health, the income to be awarded to a Senior for excellence in bacteriology.

Divided between Grace Phillips Christopherson and Gwendolyn Earp-Thomas.

The Amey Randall Brown Prize fund of \$2000, given by Miss Mabel Brown 1887 in memory of her mother. The income is to be used as a prize for the best essay on a botanical subject.

Awarded to Eleanor White Collins 1949.

The Vera Lee Brown Prize fund of \$1000, the income to be awarded to a Senior for work of honors grade in history on recommendation of the Department.

In 1948 awarded to Dorothy Olga Berude.

The Yvonne Sarah Bernhardt Buerger Prize fund of \$5000, the income to be awarded to the undergraduate who has contributed most vitally to the dramatic activities of the college.

Divided among Barbara Markham Greene, Lilian Rosemary Joan Reed, Ethel Jeanne Wagner, and Jean Wilhelm 1948.

The James Gardner Buttrick fund of \$1000, given by Mrs. Buttrick in fulfillment of her husband's wish, the income to be used for a prize for the best essay on a subject in the field of religion and biblical literature suggested by a course in that Department and approved by the instructor.

Awarded to Eleanor Carroll Munro 1949 for a paper on "Tao."

The Julia Harwood Caverno Prize fund of \$2000, the income of which is given to an undergraduate for proficiency in Greek language and literature to be tested by an examination upon an assigned portion of Greek literature: in 1948, the *Odyssey*, Books IX and X; in 1949, the *Iliad*, Book XXIV; in 1950, the *Odyssey*, Books V and VI.

In 1948 divided between Anne Schneider Henderson and Sue Markey 1949.

The Sidney S. Cohen Prize fund of \$2500, the income to be awarded at the discretion of the Department of Economics.

Awarded to Deborah Harriet Schupper 1948.

The Dawes Prize fund of \$1898.57, the income to be awarded for the best undergraduate work in political science.

Divided between Elizabeth Crawford Howard and Barbara Ann Rudolph 1948.

The Alice Hubbard Derby Prize fund of \$2555.34, the bequest of Mr. Henry R. Lang in memory of his wife, a member of the class of 1885. The income is to be used for prizes awarded by the Classics Department to students of the Junior and Senior classes who have shown special proficiency in the study of Greek literature in the original in the year in which the awards are made.

In 1948 awarded to Juliane Dorothea Straus 1948 and Margaret Trowbridge Murray 1949.

The Hazel L. Edgerly Prize fund of \$500, founded in memory of Hazel Louise Edgerly 1917, the income to be awarded on the recommendation of the Department of History to a Senior for excellence in that subject.

Awarded to Miriam Bernice Haskell 1948.

The Settie Lehman Fatman Prize fund of \$5000, the income to be awarded for the best musical composition preferably in sonata form by a member of the Senior class or a Graduate Student who is taking Music 42 or 52.

The Henry Lewis Foote Memorial Prize fund of \$500, given by his wife Mrs. Harriett Risley Foote 1886, the income to be awarded for excellence in classwork in the Biblical courses, 11, 25a, 26a, 27a and b, 36a, 39.

Awarded to Paula Eldot 1951.

The Clara French Prize fund of \$5000, founded by Mrs. Mary E. W. French, the income to be given to that Senior who has advanced farthest in the study of English language and literature.

In 1948 awarded to Sylvia Henderson.

The Helen Kate Furness Prize fund of \$1000, founded by Horace Howard Furness, the income of which is given for the best essay on a Shakespearean theme. There is no restriction on the length of the essays, but in general they are not to be shorter than 4000 nor longer than 10,000 words. The competition is open to all undergraduates. The subject for 1948-49 is "Shakespeare and Tyranny"; for 1949-50, "The Idea of Justice as Represented in Shakespeare's Plays."

The Sarah H. Hamilton Memorial Prize fund of \$2000, given by her sister Mrs. Julia H. Gleason, the income to be awarded for an essay on music.

Awarded to Genevieve Nichols 1949 for her paper on "The Mirror of Versailles."

The Arthur Ellis Hamm Scholarship Prize fund of \$5000, founded by Mrs. Elizabeth Creevey Hamm 1905 in memory of her husband Captain Arthur Ellis Hamm, the income to be awarded to a Freshman on the basis of the year's record.

Divided in 1948 between Paula Eldot and Cora Priscilla Yates.

The Frances A. Hause Memorial Prize fund of \$1000, founded in memory of Frances A. Hause 1922, the income to be awarded to the Senior who has majored in chemistry and has made the best record in that subject.

Awarded to Janet Blum.

The Mary Augusta Jordan Prize, consisting of a replica in bronze of the medal given to Miss Jordan in 1921 by the alumnae, is awarded by them through the prize committee of the English Department to a Senior for the most original piece of literary work in prose or verse composed by her at any period of her undergraduate course in Smith College. No restriction is made as to subject, style, or length; and the composition may have formed part of the requirements of college study or have been already printed. Care should be taken about the appearance of any manuscript submitted. The work adjudged best may be printed in *The Smith Alumnae Quarterly*.

In 1948 awarded to Jeanette Andrew for a group of short stories.

The Emogene Mahony Memorial Prize fund of \$500, founded by Miss Ethel Haskell Bradley 1901, the income to be given for proficiency in organ.

The Mrs. Montagu Prize fund of \$400, founded by Mrs. Abba Louisa Goold Woolson in honor of Mrs. Elizabeth Montagu, the income to be awarded for the best essay on the women of Dr. Johnson's time.

Awarded to Francine Marian Liner 1948 for an essay on "Peg Woffington."

The Victoria Louise Schrager Prize fund of \$2000, given in her memory by her family and Miss Marjorie Hope Nicolson, the income to be awarded annually to a Senior who has maintained a distinguished academic record and has also taken an important part in student activities.

Awarded to Sylvia Henderson.

The Andrew C. Slater Prize fund of \$1000, the income of which is awarded to an undergraduate for excellence in debate.

In 1948 awarded to Carroll Winslow 1948.

The Frank A. Waterman Prize fund of \$335, the income to be awarded to a Senior who has done excellent work in physics.

Awarded to Elizabeth Graham Baker.

PHI BETA KAPPA SOCIETY

The Zeta of Massachusetts Chapter of the Phi Beta Kappa Society was established at Smith College during the year 1904-05, and the first undergraduates were elected to membership in April. In 1920 provision was made for the election of a small number of Juniors. Rules of eligibility are established by the Chapter in accordance with the regulations of the national society.

Through the Committee on Graduate Study the Chapter awards the sum of \$50 to a Senior who deserves and needs help in doing graduate work or research.

Awarded to Deborah Harriet Schupper 1948.

SOCIETY OF THE SIGMA XI

Smith College was the first woman's college to be granted a charter for the establishment in 1935 of a chapter of the Society. Every year the Chapter elects to membership Seniors who excel in two or more sciences and promising graduate students.

Each year, in order to further scientific interest in the student body, a plaque is awarded to the house whose students have the highest grades in science.

In 1948 awarded to German House.

THE VOCATIONAL OFFICE

The Vocational Office serves as a counseling and as a placement office. Students of all classes are assisted through interviews in selecting their future occupations and in relating their courses of study to these occupations. Vocational counseling is offered to the alumnae of the college as well as to the undergraduate. Seniors and alumnae are assisted in finding permanent positions. Underclassmen are also helped in finding summer positions to aid them financially and to give them valuable experience in choosing their future work and in securing permanent positions.

The Vocational Office also serves as a clearing house for the letters of recommendation of seniors and alumnae who have registered with it. These letters are sent upon request to prospective employers, scholarship committees, etc. Address, Miss Alice Norma Davis, Director, Smith College, Northampton.

THE PHYSICAL PLANT

COLLEGE HALL, dedicated in 1875 at President Seelye's inauguration, is the main administrative building of the college.

SEELYE HALL, given by friends of President Seelye with the understanding that the building should bear his name, contains department offices, classrooms which seat over fifteen hundred students, and the laboratories of the Department of Geology and Geography.

SAGE HALL, named in honor of Mrs. Russell Sage and built out of the Four Million Dollar Endowment Fund, is the music building, containing an auditorium seating over seven hundred equipped with a Hammond organ and apparatus for sound motion pictures, a library and a collection of about five thousand records, classrooms, offices, and practice rooms.

HATFIELD HALL, formerly Hatfield House, was transformed into an academic building in 1926, providing needed seminars and classrooms, and space for the Museum of Classical Antiquities and the laboratory of phonetics.

PIERCE HALL, until 1924 the music building, was then named in honor of Arthur Henry Pierce, Professor of Psychology from 1900 to 1914, and is devoted mainly to that Department.

LILLY HALL OF SCIENCE contains the lecture rooms, laboratories, and library of the Department of Physics. It was the gift of Mr. Alfred Theodore Lilly, of Florence, Massachusetts.

THE OBSERVATORY with its original equipment was given by President L. Clark Seelye and Mr. A. Lyman Williston in honor of their wives Henrietta Chapin Seelye and Sarah Tappan Williston. Additions to the building and equipment were made possible by the Eliza Appleton Haven Fund. The instruments include equatorial telescopes of eleven and six inches aperture, a three-inch Ross camera, a four-inch transit instrument with zenith level, and other apparatus for teaching purposes. The flat roofs of the Observatory and the Library wing furnish ample space for naked-eye observing.

STODDARD HALL, in part the gift of the class of 1895 and their friends, and named in honor of John Tappan Stoddard, professor in Smith College from 1878 to 1919, was built in 1898 and enlarged by an addition in 1918. It is fully equipped with lecture room, library, laboratories, classrooms, offices for instructors, and the latest appliances for chemical work.

BURTON HALL, a building of modern fireproof construction provided with the best equipment for the study of the biological sciences, was named for President Burton, and was opened for use in September, 1914.

THE WILLIAM ALLAN NEILSON LIBRARY, the gift of Mr. Andrew Carnegie, alumnae, and students, now contains 348,029 volumes, this number including those books and pamphlets housed for greater convenience in the libraries of the art, music, and science buildings. The open-shelf system permits free access to all books. In the Library building there are department seminar rooms, a large reference room, general reading and study rooms, a Rare Book Room, and a room for the college archives. The Browsing Room, furnished like a private library and lined with shelves holding the works of standard authors in the best editions, offers opportunity for and encourages leisure-hour reading. A wing was built in 1937 to provide space for more stacks, and to make possible the addition of carrells, seminar rooms, and offices for staff and instructors. The Little Chapel occupies the outer end of this wing.

THE HILLYER GALLERY, named for Mr. Winthrop Hillyer whose gift and bequest made this first art gallery possible, is provided with studios and exhibition rooms, a library of art in memory of Mr. Drayton Hillyer, a collection of approximately thirty thousand photographs and twenty-eight thousand slides. Graham Hall, a lecture hall fitted with lantern and screen, was added through the generosity of Mrs. Christine Graham Long 1910.

When the TRYON GALLERY was presented to the college by Mr. and Mrs. Dwight W. Tryon, most of the paintings, prints, and other works of art were transferred to it from the Hillyer Gallery. There are galleries for loan exhibitions, which are arranged under the auspices of the Museum of Art to supplement the permanent collections.

JOHN M. GREENE HALL, given by Mr. John D. Rockefeller and other donors, and named in honor of the Reverend John Morton Greene seats nearly twenty-three hundred people. In addition to the exceptionally fine four-manual organ which was presented by the class of 1900 as a memorial to Mrs. Cornelia Gould Murphy, there are two accessory two-manual organs.

THE ALUMNAE GYMNASIUM, given by the alumnae and their friends in 1891, contains a hall arranged for gymnastic exercise and indoor sports, a bowling alley, and a faculty squash court.

THE SCOTT GYMNASIUM was named in honor of Mr. Walter Scott and built out of the Four Million Endowment Fund. In it are a large hall for indoor gymnastic work, a hall for corrective gymnastics, a dance room, and a swimming pool 23 by 75 feet.

THE RECREATION FIELDS, over thirty acres in extent, including the Allen Field, the gift of Mr. Frank Gates Allen, of Moline, Illinois, and the New Athletic Field, afford opportunities for such sports as hockey, tennis, archery, cricket, volleyball, clock golf, and basket ball.

THE BOATHOUSE has accommodation for canoes, rowboats, and eight rowing machines. In the CREW HOUSE are eight rowing shells and a large recreation room.

THE FIELD HOUSE was built on the New Athletic Field in the summer of 1939 with funds given by the classes of 1938 and 1939, the undergraduates, the Athletic Association, and the Trustees. Besides storage space for athletic equipment and skates and skis, it contains a lounge, a kitchenette, a small meeting room, and dressing rooms for men and women.

THE LYMAN PLANT HOUSE, the gift of Mr. Edward Hutchinson Robbins Lyman in memory of his mother Anne Jean Lyman, comprises nine greenhouses illustrating the vegetation of different climates and providing material for laboratory study, together with physiological and horticultural laboratories.

Adjoining the Plant House is the BOTANIC GARDEN, an herbaceous garden designed for horticultural study, with sections to illustrate plant classification and habits. Arranged about the college grounds are smaller gardens and a collection of numerous varieties of native and imported trees and shrubs.

THE ELIZABETH MASON INFIRMARY, at the head of Paradise Road, was opened in 1919. Its name commemorates Mrs. Elizabeth Mason Howland, a graduate of the class of 1904 and a daughter of Mr. Frank H. Mason of Akron, Ohio, whose gift completed the fund raised by the Alumnae Association. It is a fireproof building carefully designed to serve the peculiar purposes of a college infirmary, and can accommodate sixty students. The Florence Gilman Pavilion which is partly completed increases the facilities for the care of students.

THE STUDENTS' BUILDING, built mainly by the efforts of the students and the alumnae in 1903, and designed to be the center of the social life of the students, contains rooms for student organizations. There is a small theater and at present the classrooms and offices of the Departments of Speech and of Theatre are located in this building.

FAUNCE HALL, formerly the gymnasium of the Capen School, has been used principally by the Department of Speech. It has now been converted into a recreation hall for the students.

GILL HALL on Prospect Street is used by the Department of Education and Child Study for the Smith College Day School. In addition to the classrooms there is an assembly hall seated for two hundred. Adjoining is a large playground.

THE ELISABETH MORROW MORGAN NURSERY SCHOOL, acquired through the bequest of Mrs. Morgan 1925, occupies a site adjoining the Smith College Day School.

THE ALUMNAE HOUSE, presented to the College by the Alumnae Association in 1938, contains offices for the Association staff, rooms for the use of the alumnae and the college including a conference room seating two hundred and forty.

DORMITORIES. There are thirty-six dormitory units affording accommodation for about two thousand students. The list with the names of the Heads of House may be found on page 29.

Besides these buildings which have been listed the College owns a large laundry, a central heating plant, a riding stable with outside ring, about fifty houses occupied by members of the Faculty and staff, garages, and buildings used by the Department of Buildings and Grounds.

ADMISSION OF STUDENTS

STUDENTS may be admitted to Smith College as candidates for the degree of Bachelor of Arts, either as members of the Freshman class, or as members of the Sophomore or Junior classes with advanced standing. The Board of Admission attempts to select from the complete list of applicants those students whose records of character, health, and scholarship give evidence of their equipment for college and indicate the greatest promise of their profiting by its advantages.

APPLICATION FOR ADMISSION

Forms of application will be furnished upon request to the Board of Admission. A registration fee of ten dollars, which is not refunded, must accompany each application card. Early application is advisable in order to insure the prompt completion of all preliminary arrangements. Rooms are assigned to entering students in the order of their original dates of application. The date of application is not considered, however, in the selection of candidates.

ENTRANCE REQUIREMENTS

Candidates are urged to plan their program of study as early as possible in the secondary school course, bearing in mind the important relationship between school and college work. The normal program which the College recommends consists of sixteen units, and should be distributed as listed below. (A unit represents work involving four or five exercises a week for the whole school year, except in sciences which include laboratory periods.) The Board of Admission is willing to consider able candidates who do not meet all of the requirements.

REQUIRED SUBJECTS

English	4 units
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In two of the following three fields the maximum number of units must be offered. For example, if a student offers three or four language units she must present four units in mathematics-science and two in history.

Languages	3, 4, or 5 units
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Three units in one language or two in each of two must be offered by all candidates. If five or more are offered Latin or Greek must be included. No credit will be given for one unit

Mathematics-Science	2 or 4 units
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One unit of algebra and one of geometry must be offered. If four are offered three must be in mathematics (algebra 2, geometry 1) and one in a laboratory science (biology, chemistry, physics), or four may be in mathematics

History	1 or 2 units
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One unit is required. If a second is offered it must be in a different field

ELECTIVE SUBJECTS

In addition every candidate will present two or three elective units to complete the requirements. The approval of the Board of Admission must be secured before electing subjects other than those in the following list:

- I. Humanities
 - Art (1 or 2)*
 - Music (1, 2, or 3)
 - Bible (1)†
 - Languages (2, 3, or 4)
 - French, German, Greek, Italian, Latin, Spanish
- II. History and Social Studies
 - Ancient, medieval and modern European, modern European, English, American, or social studies (1)
- III. Mathematics-Science
 - Intermediate algebra (1)
 - Solid geometry ($\frac{1}{2}$), trigonometry ($\frac{1}{2}$), advanced algebra ($\frac{1}{2}$)—any 2
 - Biology, botany, chemistry, physics, or zoology (1)

METHODS OF ENTRANCE

It is advisable, whenever possible, for the candidate to communicate with the Board of Admission well in advance of entrance—if possible during the third year of secondary school—in order that the College may assist her in planning her work, and may give her information and advice concerning her entrance plans.

Admission is based on the candidate's record as a whole: the school record, the principal's recommendation, the College Board tests, the results of any psychological tests which the student may have taken (the Iowa Silent Reading Test and the American Council Psychological Tests are strongly recommended), the Regents' examinations for students from New York public schools, and other information secured by the college regarding general qualifications. Before the student is finally admitted, she must submit to the College Physician a full history of her health. A blank for this purpose will be sent to the student when she is notified of the decision of the Board of Admission in May. All credentials should reach the Board of Admission before May 1 if the student wishes to have her application considered at the May meeting of the Board.

COLLEGE ENTRANCE EXAMINATION BOARD TESTS

Candidates for admission to the Freshman class are required to take the Scholastic Aptitude Test and three Achievement Tests. One Achievement Test must be in English; the others must be selected from two of these fields—foreign languages (French, German, Latin, Spanish), science (biology, chemistry, physics), social studies (history).

Smith College will accept any one of the three types of the Scholastic Aptitude Test, but it is recommended that a candidate who is studying mathematics during the year in which she is examined should take the program which contains the highest-level mathematical section for which her training has prepared her as follows:

Years of study in mathematics	Appropriate program
2 or less	Program 1
2½ to 3 (or 3½ without trigonometry)	Program 2
3½ to 4 (including trigonometry)	Program 3

* Schools offering courses in technical art or history of art for entrance credit for the first time should consult with the Board of Admission before allowing students to elect these courses for this purpose.

† A detailed outline of the course, signed by the instructor, must be submitted to the Board of Admission for approval.

A candidate who is not studying mathematics during the year in which she is examined should take Program 1 regardless of the extent of her training.

All candidates will be required to take these tests in their senior year. Students who complete the school course in June will be expected to take the three Achievement Tests in April of that year and the Aptitude Test in January or April. If they take the Aptitude Test in January they should not repeat it in April. Those students who are graduated in January will probably prefer to take all the tests in January.

REGENTS' EXAMINATIONS

Candidates from New York State public schools may offer Regents' examinations of *high standing* in addition to the Scholastic Aptitude and Achievement Tests given by the College Entrance Examination Board. Candidates are held responsible for seeing that the official reports on the Regents' examinations taken through the first half of the senior year are sent to us from Albany before April 1, and that the final reports are sent to us before July 1.

ADMISSION FROM FOREIGN COUNTRIES

The College is interested in admitting foreign students and is willing to make exceptions for students who give evidence of ability to do the work at Smith College. Applicants are advised to communicate with the Director of Admission well in advance of entrance in order that the College may advise them concerning their entrance plans.

GENERAL INFORMATION ABOUT THE COLLEGE BOARD REGULATIONS

In 1949 the College Entrance Examination Board will give the Scholastic Aptitude Test (including verbal and mathematical sections) and the Achievement Tests January 15, April 9, June 4, and August 24.

A *Bulletin of Information* containing rules for the filing of applications and the payment of fees, lists of examination centers, samples of the various test questions, etc., may be obtained without charge from the College Entrance Examination Board.

Candidates should make application by mail to the College Entrance Examination Board. Those who wish to take the examinations in Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, Wyoming, Alaska, Hawaii, Australia, and all Pacific islands except Formosa and Japan should address their inquiries and send their applications to Box 775, Berkeley 4, California. All others should write to the Board, Box 592, Princeton, New Jersey.

In order to facilitate the arrangements for the conduct of the tests all applications should be filed as early as possible. Each application should be accompanied by the fee of \$12. The fee for the Scholastic Aptitude Test taken alone is \$6; for the Achievement Tests alone \$8. Applications and fees should reach the office of the Board not later than the dates specified: For examination centers in the United States, Canada, Mexico, or the West Indies, December 25 for the January series, March 19 for the April, May 14 for the June, and August 3 for the August; outside of the United States, Canada, Mexico, and the West Indies, November 27, February 19, April 16, and June 6 respectively. Belated applications will be subject to a penalty of \$3 in addition to the regular fee.

When a candidate has failed to obtain the required blank form of application the regular fee will be accepted if it arrives not later than the specified date and is accompanied by the name and address of the candidate, the exact examination center selected, the college to which the report is to be sent, and the test or tests she is to take.

The College Entrance Examination Board will report the results of the tests to the institution indicated on the candidate's application. The college will, in turn, notify the candidates of the action taken upon their applications for admission. No reports on the tests will be sent to candidates by the Board.

The College Entrance Examination Board has formulated a new college-choice procedure. Under this plan a candidate may list any group of two or three colleges as equally preferred or rank them in preferential order. Full details of this plan will be sent to the schools and the candidates by the College Board.

ART, BIBLE, MUSIC

Smith College accepts for entrance credit elective units in art, Bible, and music. Candidates who wish to offer any of these units should correspond in advance with the Director of Admission, sending outlines of the courses they wish to present.

ART

Any student wishing to offer a unit in art, either historical or technical, should communicate with the Director of Admission.

An examination in the history of art will be given by the College to candidates for entrance where it is desirable. This examination will include a choice of questions involving a survey of architecture, sculpture, and painting in the Western world from earliest times to the present day, with special reference to the relation between the arts and their historical background. In preparation attention should be given to the study of original works of art, where possible, in addition to study from slides and other reproductions. The following list of books shows the type of reading which is acceptable: Holger Cahill and Alfred H. Barr, Jr.: *Art in America*; Helen Gardner: *Art through the Ages* (revised ed.); Chandler Rathfon Post: *A History of European and American Sculpture*; J. D. Beasley and B. Ashmole: *Greek Sculpture and Painting*; Frank Jewett Mather, Jr.: *Venetian Painting*; Roger Fry: *Flemish Art, A Critical Survey* (Brentano, 1927); C. H. Collins Baker: *Dutch Painting of the Seventeenth Century* (*The Studio*, London, 1926); *German Art from the Fifteenth to the Twentieth Century* (with Introduction by Helen Appleton Read. The Oberlaender Trust, Carl Schurz Memorial Foundation, Philadelphia, 1936). The Department may be consulted for a more detailed list.

BIBLE

Work offered for entrance in Bible will ordinarily be tested by an examination set in the spring. Smith College will accept without examination a unit in Bible from schools whose courses in the subject have been approved by the Department of Religion and Biblical Literature, these courses being in general of the standard suggested by the National Association of Biblical Instructors for college entrance work in Bible.

MUSIC

Music may be offered for one, two, or three units as follows: One unit, fundamentals of music; two units, fundamentals of music and literature of music, or

fundamentals and practical music (literature of music and practical music may not be offered except with fundamentals); three units, fundamentals of music, literature of music, and practical music.

Students offering music for entrance credit are expected to have followed such courses in preparatory school as are outlined in the special pamphlet, *Outlines of Courses in the Fundamentals of Music and Musical Literature Which May Be Offered for College Entrance Credit in Music*. This may be obtained by writing to the Secretary of the Department of Music, Sage Hall. All students applying for entrance credit will be required to send in notebooks showing the material they have covered.

Those who offer practical music for entrance credit must send in a list of the pieces they have studied.

Students who intend to go on with practical music in college must be prepared to show they are qualified to do so. Tests of such qualifications are outlined on page 125.

ADVANCED STANDING

A limited number of students may be admitted each year with advanced standing from other colleges. At least two years' residence at Smith College is ordinarily required of a candidate for the degree of Bachelor of Arts.

Candidates for admission with advanced standing should submit a written statement of their reasons for wishing to transfer to Smith College. They must present evidence that they have had the subjects required for admission to the Freshman class and that a satisfactory score has been achieved in the Scholastic Aptitude Test of the College Entrance Examination Board. They must secure from the college previously attended a letter of honorable dismissal and a transcript showing that they have attained a superior record in a program that correlates with the Freshman and Sophomore requirements indicated on page 71.

Admission for all students is competitive. The Board of Admission reserves the right to reject any candidate who falls below the standard of any given year set by the records of that year's candidates. A candidate thus rejected for admission as a Sophomore may not apply for admission as a Freshman, nor may a similarly rejected applicant for Junior rank seek admission as a Sophomore.

Candidates for admission with advanced standing who have been unsuccessful candidates for admission to Smith College as Freshmen will be expected to present a very high record at the college from which admission is sought by transfer. Students who for at least one year have carried an adequate college program at an approved institution, whether a four-year college or a junior college, may not disregard that record and apply for admission as Freshmen but must apply under the regulations governing admission with advanced standing.

Subject to these conditions admission from approved colleges and credit for work (except in practical music and art) done there will be granted without examinations after a full transcript of the student's record has been received.

Students admitted with credit of more than twenty and less than fifty-one semester hours will be ranked as Sophomores. Those credited with more than fifty hours will be ranked as Juniors except when, in the opinion of the Board of Admission, they are unprepared for this rank, in which case they may be admitted as Sophomores with adjusted credits. Any shortage below thirty or sixty hours, the normal number of credits at the beginning of the Sophomore or Junior year respectively, must be made up later by the carrying of hours above the minimum of fifteen a semester. Removal of a shortage of more than three hours will usually involve attendance at an approved summer school.

Advanced standing students during their first semester of residence may not elect more than seventeen hours except by permission of the Administrative Board.

Application for admission should be made to the Director of Admission as early as possible and in general not later than April 1 of the year in which admission is sought.

NONCOLLEGIATE STUDENTS

Women not college graduates, but of an age beyond that of the ordinary undergraduate, who give evidence of a serious purpose and are otherwise properly qualified, may be admitted to courses of study or to supervised research work in the college with the approval of the Registrar and the instructor concerned. The fee is \$20 per semester hour.

These students must fulfill all the requirements of the course or courses taken by them, and shall not be allowed to continue more than one semester in a course in which they have failed to meet the requirements, or in which their presence is found to be detrimental to its primary object. The decision of the instructor on these matters shall be final.

Students of this class shall not be candidates for a degree but may, on request, obtain from the Office of the Registrar a certified statement of their work.

AUDITORS

Any person not connected with the college may be an auditor, provided she has obtained the permission of the Registrar and of the instructor concerned. The fee is \$5 per semester course.

RESIDENCE AND ATTENDANCE

RESIDENCE

1. The minimum residence requirement for undergraduates (Seniors excepted) for a college year shall be two full semesters in college less six nights of absence in each semester for Freshmen, seven for Sophomores, eight for Juniors. The administration of this rule and the granting of exceptions for such reasons as illness shall lie with the Administrative Board. [Any student absent for the allowed number of nights a semester for whatever reason should report to the Office of the Warden before taking further absence at night.] Every night spent outside a college house, whether in or out of Northampton, will be included as one of the nights of absence.

EXCEPTION: Saturday nights, the night before Memorial Day, and nights during the two examination periods, when spent at the cabins.

2. Residence in each semester is reckoned from chapel on the first day through the last examination of each individual student. However, at the beginning of the Christmas and spring recesses the residence requirements for each student end with her own last academic appointment of the term.
3. Only those students may extend the winter or spring recess either at the beginning or the end who live beyond the western boundary of Minnesota, Iowa, Missouri, Arkansas, and Louisiana, or a similar distance from Northampton.

NOTE.—These regulations are applicable only to students living in houses controlled by the college.

ATTENDANCE AT COLLEGE CLASSES

1. Students are expected to attend all their scheduled college classes and not to absent themselves without adequate reason.

(a) Upper-class students.

In general the responsibility for keeping this obligation shall rest with the student, but the Administrative Board has power to deal with individual cases of nonattendance.

(b) Freshmen.

Freshmen are required to attend classes throughout the first semester. They may be permitted unexcused absences to the number of credit hours that they are carrying, these absences to be distributed pro rata according to the number of hours credit per course.

In the second semester those who have attained a B average may take the responsibility for their own attendance. Those who are below diploma grade are not permitted any absences. For others the attendance regulations of the first semester are continued.

Absences do not relieve the student from responsibility for work required while she was absent, and the burden of proof that she has done the work rests with her. In courses in which the work cannot be satisfactorily tested by written examination, the instructor shall be the judge of the relation of the student's attendance or nonattendance to her grade.

2. At the beginning of each semester and after the winter and spring recesses students shall register in person at Assembly. The Faculty *requires* attendance in

all classes meeting on the first day of each semester, on the Wednesday preceding and the Monday following Thanksgiving Day; also on the two days before and the day after the Christmas and spring recesses. Every student who does not register and attend classes in accordance with this regulation must check her record in the Office of the Registrar within a week of her absence. If she was absent because of illness a report must also be filed in the Office of the College Physician.

3. Students who come under the following heads are placed on the Registrar's List:

(a) Sophomores and Juniors who are below diploma grade. These students are required to attend all classes with the exception of two days of automatically excused absence in each semester and days of illness which are reported to the Doctors' office. Absence from even one class shall count as one of these days. No other absences are permitted.

(b) Students who, for reasons which the Registrar does not regard as sufficient, have failed to register and attend classes in accordance with the regulations. These students may not be absent from class. The administration of this rule and the granting of exceptions shall lie with the Administrative Board.

4. Every Freshman and every student on the Registrar's List is subject to the following regulations:

(a) She is responsible for checking in the Office of the Registrar her own record of *all* absences and excuses for whatever cause.

(1) If she is absent because of illness a report must also be filed in the Office of the College Physician.

Illness in the dormitory is reported by the Head of House.

Illness out of town is reported by the student herself within a week of her return.

(2) If she is on the Registrar's List and is absent from class for any reason except illness she must report to the Registrar within a week.

(3) If she is a Freshman she is responsible for keeping count of the number of her absences from each course and for checking in the Registrar's office which of her absences have been excused.

(b) She may not be excused early from class and counted present except by permission of the Registrar.

(c) No change from division to division is allowed in order to prevent or remove records of absences.

ABSENCE BECAUSE OF ILLNESS

If classes are missed or nights are spent away from college because of illness the absences may be excused by the Registrar or the Warden on recommendation from the Doctors' office. [If the health regulations have been carried out at the times when any illness or accident has occurred reports will be on file at the Doctors' office and recommendations will be made from these.] Students should inquire at the Office of the Registrar whether their absences from class have been excused, and at the Warden's office regarding excuses for nights out of residence.

ABSENCE FROM EXAMINATIONS

The absence of a student from an examination must be reported to the Registrar's office as soon as possible. If the absence is caused by illness an excuse must be obtained through the College Physician; if the absence is for any other reason an excuse must be obtained by the student from the Registrar.

There are two periods a year set aside for make-up examinations when students who have been given permission to do so are required to present themselves: (1) as far as possible within the first month of the academic year for those students who were absent from finals; (2) as far as possible within the first month of the second semester for those students who were absent from the midyear examinations.

When students are officially excused from presenting themselves at the "make-up" following the one from which they were absent, they are required to take the next regular examination scheduled in the course. Special arrangement is made for Seniors who, in the final examinations of Senior year, have been absent because of illness.

Students may not take examinations or tests at the same time as the rest of the class in other than the officially appointed places except by permission of the Administrative Board.

No student will be excused from an examination given her class except by vote of the Faculty obtained through the department concerned.

MARRIAGE

A student planning to marry while in college must consult the Warden before the marriage takes place if she wishes to remain in college.

WITHDRAWAL FROM COLLEGE

A student expecting to withdraw from college must file with the Registrar a letter from her parents or guardian giving the reason for withdrawal, and obtain from her a card of withdrawal.

READMISSION

No student who has withdrawn from college may be readmitted except with the permission of the Administrative Board. Application for readmission in September should be sent to the Registrar before April 1; for readmission in February before December 1.

In general, students who have withdrawn from college at the end of the first semester will be permitted to return only in the following February.

THE COURSE OF STUDY

THE curriculum is administered by the Administrative Board, constituted as follows: the Dean (chairman), the Warden, the four Class Deans, the Registrar, the College Physician, and three other members of the Faculty.

REQUIREMENTS FOR THE A.B. DEGREE

For graduation every student must have completed one hundred and twenty hours plus the prescribed work in physical education, taking a minimum of fifteen hours each semester. A cumulative average of at least 2.0 is required; the average for the Senior year must be 2.0 or above. At the end of any year, if a student's average is below 2.0, her case is subject to review by the Administrative Board, and she may be excluded from college.

The normal program covers four years. In special cases, when plans can be approved during the Freshman year, it may be possible for students to complete the work in three years by attending two summer sessions elsewhere.

Only in rare cases will the degree be granted after a shorter period of residence at Smith College than two years, one of which must be the Senior year.

GRADES

Grades are assigned with the following significations: A, excellent; B, good; C, fair; D, poor; E, failure.

In the courses designated as year courses, the grade which the student obtains at the end of the second semester is the final grade for the year.

FAILURES AND WARNINGS

A failure in a course involving a shortage in hours must be made up before graduation by carrying an equivalent amount of work above the minimum in subsequent years.

The failure in the course may be made up by repeating the course or by taking other work which conforms to the regulations of the curriculum applicable to the course for which it is offered as a substitute.

A student who has failed in the work of five or more hours in two consecutive semesters or in any three semesters, or who has failed in the work of ten or more semester hours in a year is excluded from college unless special exception be made by vote of the Administrative Board.

Any student whose scholarship is generally unsatisfactory may be brought before the Faculty for action and excluded from college.

A student who has failed in the work of five or more hours in a semester receives an official warning.

While instructors will use all reasonable means to inform the student of her liability to fail in her work, the student must not in any case regard the absence of such notification as a claim to exemption from a failure.

THE CURRICULUM

FOR THE CLASSES OF 1949 AND 1950

During Junior and Senior years students must complete sixty semester hours of work which is divided between a major and elective courses, or must complete a program toward Honors as outlined by the various departments.

Not more than twelve semester hours of Grade I and not less than twenty-four semester hours above Grade II may be taken for credit toward graduation.

THE MAJOR

Of the thirty semester hours required in the major at least eighteen must be taken in the department of the major subject; at least eighteen must be above Grade II; at least twelve must be taken each year.

When a student decides upon her major in Sophomore year she comes under the direction of an adviser in that department and must obtain the approval of the adviser for her major program of study.

Full statements of major requirements follow the course offerings in each department.

The curriculum also includes Interdepartmental Majors which are described in full on pages following the departmental offerings.

No majors are offered in hygiene, physical education, or speech.

Students who choose a major in certain departments may spend the Junior year abroad as outlined below.

THE JUNIOR YEAR ABROAD

Students in good standing and with sufficient language training may, if conditions permit, spend the Junior year in France, Geneva, Italy, or Mexico in groups directed by members of the Smith College Faculty. These students will usually be language majors except in Geneva, but those majoring in other fields and having proficiency in the necessary language may apply with the consent of the department of their major. Properly prepared students from other colleges may be admitted to the groups.

The Junior Years Abroad are planned to afford as rich an opportunity as possible to observe and study the countries visited. Art, music, and theater are available in the different cities and the Directors arrange occasional meetings for the groups with outstanding scholars, writers, and leaders. During the vacations students are free to travel to broaden their acquaintance with the country, although they may stay in residence if they prefer.

Applications, including permissions from parents, must be made by January 15 to the Dean of the Sophomore class. The size of the group and the selection of candidates will be determined by a Faculty committee for each group. It is expected that applicants will have met all the college requirements of the first two years and any special conditions set by the respective departments or committees. The physical condition of each student must be passed upon by the College Physician.

The Director of the group is granted by the College full control in matters of behavior and discipline, although the details of group procedure will be worked out with a student committee. The students are subject to social regulations similar to those that obtain in Smith College, but appropriate to the different countries. The supervision of the Director ends with the close of the college year in each country.

The fee covering tuition and board in 1948-49 will be \$1400; travel and incidental expenses will vary according to individual tastes and plans. A deposit of \$50 is payable by May 1 by students who have been provisionally accepted. It will be credited on the second semester bill and will not be refunded unless notice of withdrawal from the group is sent the Class Deans' office before June 1. Payment for

the first semester should be made by August 15 in the case of students going to France, Geneva, Mexico, and Italy, for the second semester by January 15. Checks should be sent to the Treasurer of Smith College, Northampton.

Neither the College nor the Director assumes or accepts any responsibility for personal injury to members or damage to or loss of property of members. Students are required to carry health and accident insurance which is available through a general college plan.

Junior Year in France

Arrangements will be made for students to live in Paris with carefully selected families or in a club such as Reid Hall. Full-time Junior programs consisting of work in French literature, history, and art, and other aspects of French culture are planned by the Director. Courses will be given by professors from the Sorbonne and other institutions. The language requirement for admission to the group is usually two years of college French if the student has entered with three units.

Junior Year in Italy

The work of the year will begin with a month in Perugia where intensive study of the language is undertaken at the University for Foreigners and with the Director. After the first of October this study is continued in Florence. The middle of November the group starts work in classes conducted especially for Smith College by professors of the University of Florence. The subjects offered are Italian art, history, language and literature. In Perugia the students stay in a first-class hotel or pension; in Florence they live in private homes chosen by the Director. The minimum requirement for admission is normally two years of college Italian. By special action of the committee promising students with only one year of Italian may be accepted.

Junior Year in Mexico

October is spent in one of the smaller provincial cities, such as Puebla or Morelia. Students live with carefully selected families in order to learn the language and the customs of the country. About the first of November the group moves to Mexico City where it lives in an attractive house rented by the College. Classes are available in Spanish literature and composition, Mexican art, archaeology, and history, and various other aspects of Mexican and Latin-American culture. They are taught by professors from different colleges and the University of Mexico. A minimum of two years of college Spanish is the normal requirement for admission.

Junior Year in Geneva

The work in Geneva consists of international studies instead of the history and culture of a single country, and accordingly the group is composed primarily of majors in history, government, economics, and sociology. The courses are designed to permit the students, through work in the Graduate Institute of Higher International Studies and the University of Geneva, to study plans for world co-operation. Classes are available in diplomatic and contemporary history, international economics and finance, international law, and similar subjects. The courses are given in French. A candidate must have had at least one year of French in college if she has entered with three units. It is strongly urged that if possible an additional year of French be taken and that work in at least two fields of the social sciences be offered.

Junior Exchange with Toronto

Since 1945 an exchange of students in the Junior class with Juniors at the University of Toronto has proved to be highly successful. For the year the Smith Juniors live in the colleges of the University and carry on programs approved by their major advisers. Candidates from Smith must have demonstrated their ability to do work of Dean's List rating and have the approval of the chairman of their major department. Not more than eight exchanges will be arranged in any year. Regular Smith College fees, covering residence and tuition at the University of Toronto, will be paid to the Treasurer of Smith College by exchange students.

THE DEGREE WITH HONORS

PURPOSE. Honors work is designed to offer for properly qualified students certain advantages normally not possible in a regular five-course program. It permits more flexibility in the arrangement of individual programs, a greater measure of individual instruction, and an opportunity for integrating the work done. It is intended to give more freedom to those who wish it and at the same time to provide recognition for those who have demonstrated their ability to do work of high quality.

AWARD. The degree is awarded with Honors in three grades, *summa cum laude*, *magna cum laude*, and *cum laude*, based on (a) an independent piece of work which may involve the preparation of a long paper or the conduct of an investigation, (b) an estimate of the work in courses and units in the major field made by the department of the major, (c) three final examinations.

If a student fails to be awarded Honors she may be granted a degree without Honors if her work is of sufficient merit.

ADMISSION. A student having an average of B for the three semesters preceding her application is eligible for Honors. Other students will be admitted on the recommendation of the department of the major and with the approval of the Committee on Honors.

Subject to special requirements of individual departments students may enroll at the beginning of either semester of Junior year or at the beginning of Senior year. They may withdraw only upon recommendation of the department of the major and the approval of the Committee.

PRIVILEGES. An Honors candidate will have (a) the greatest possible elasticity in the arrangement of her program (with the permission of the director she may carry less than fifteen hours), (b) preference over other undergraduates when admission to units or seminars must be limited, and over other Honors candidates according to priority of candidacy, (c) exemption from all course examinations at the end of Senior year.

The specific requirements in each department will be found under the department offerings.

FOR THE CLASS OF 1951 AND LATER CLASSES

SPECIAL REQUIREMENTS

Freshmen are required to take English 11. The College requires of every Freshman a knowledge of the fundamentals of hygiene. This requirement may be met in one of several ways as described under the Department of Hygiene and Bacteriology.

Freshmen and Sophomores are required to take three periods of one hour each in physical education which do not count as credit hours.

All students will be required to pass a course in the literature of one foreign language, ancient or modern. They will normally be admitted to these courses on the basis of three units in the language or of twelve semester hours taken in college or in approved summer schools. The courses which may be taken to fulfill this requirement are marked (L).

DISTRIBUTION REQUIREMENTS

In addition to the special requirements students must complete before the end of Junior year the requirements in the different Divisions of the curriculum as listed. The courses that may be taken for this purpose are named at the head of each department offering.

Division I. The Humanities

Group A. Literature: Biblical Literature, English, French, German, Greek, Italian, Latin, Russian, Spanish, General Literature

Group B. Fine Arts: Art, Music, Theatre

Group C. Philosophy, Religion

Division II. Social Sciences and History

Group D. History

Group E. Social Sciences: Economics, Government, Sociology, Social Science

Division III. Natural Sciences and Mathematics

Group F. Physical Sciences and Mathematics: Astronomy, Chemistry, Geology, Physics, Physical Science; Mathematics

Group G. Biological Sciences: Bacteriology, Botany, Psychology, Zoology, Biological Science

Group A. Six semester hours in a departmental literature course in a language other than the one offered for fulfillment of the foreign language requirement, or in an interdepartmental literature course. Students who enter without any units in Latin or Greek must take a course in classical literature either in the original or in translation.

Groups B and C. Six semester hours, but students are urged to take six hours in each Group if possible.

Group D. Six semester hours.

Group E. Six semester hours in a departmental or interdepartmental introductory course.

Groups F and G. Twelve hours of which at least six must be in a laboratory course. The work must be so chosen that the student will have an entrance unit or six semester hours in college in a physical science of Group F and in any science of Group G.

In exceptional cases exemptions may be granted from the special requirements and from the distribution requirements.

THE MAJOR

In the spring of Sophomore year or earlier every student will indicate the subject of her special interest (her major) and plan her further work with this in mind. The major is based on a designated course or courses taken in Freshman or Sophomore year. As work in the major occupies half or more of the student's time in the two upper years the choice of the major is of great importance.

Of the thirty semester hours taken in the major at least eighteen must be in courses of Grade III or higher in the field of concentration and of these twelve must be in the department. Students are required to take not less than twelve hours in the major field in each of Junior and Senior years. Courses taken in Sophomore year, exclusive of the basic course, may be counted in the major. At least six semester hours must be taken in Junior or Senior year in a Division other than the one in which the student is majoring.

When a student enters upon her major she comes under the direction of an adviser in that department and must obtain the approval of the adviser for her major program of study.

RULES GOVERNING ELECTION OF COURSES

1. Each student is required to make herself familiar with all regulations governing the curriculum and to present her course card, properly filled out, at the time and place designated in the *Weekly Bulletin*. While all possible aid and direction are given by the Faculty Advisers, the Advisers of the Major, and the Class Deans, each student is held responsible for errors in her choice of studies.
2. Courses are arranged in five grades indicated by the first digit in the course number. Those of Grade I are primarily for Freshmen, those of Grade II for Sophomores. Courses of Grade III are for Juniors and Seniors, but are also open to Sophomores when a statement to that effect is included in the description. Grade IV courses are for Seniors, Honors students, or qualified Juniors. Grade V courses are for Graduate Students.

Under certain conditions as outlined in a, b, and c students must file a petition with the Administrative Board. This requires the recommendation of the chairman of the department and the instructor and the consent of the Administrative Board. A petition is also required if, in the description of the course, the words "by permission" are used alone. "By permission of the department" and "by permission of the instructor" are self-explanatory.

(a) Students who wish to enter a course for which they have not had the stated prerequisite must file a petition with the Administrative Board.

(b) Freshmen and Sophomores who wish to enter a course of a higher grade than is normally open to their class must file a petition with the Administrative Board. Exceptions in the languages and sciences are made for those students who have the stated requirements.

(c) Juniors not taking Honors work who wish to enter a course of Grade IV must have the permission of the department concerned.

(d) Seminars of Grade IV, limited to ten students, are open to Juniors and Seniors only by permission of the instructor. Students not candidates for Honors are permitted to take only one seminar in a semester.

(e) Special Studies courses of Grade IV are open only by permission of the department. They are limited to Seniors who have had twelve semester hours above Grade I and are majoring in the department concerned.

(f) Grade V courses are open to Seniors only if they have a major or its equivalent in the department and if they have at least a B average in that major. Under these conditions they may be admitted by permission. They may not carry more than three hours of Grade V work a semester except in technical art and practical music unless they have special permission from the Administrative Board.

3. A student may not carry in any semester less than the required minimum of fifteen hours or more than two hours above the required minimum except with the permission of the Administrative Board.
Any shortage of hours permitted by the Administrative Board may be made up by a corresponding excess of hours distributed over succeeding semesters.
4. In each semester of the Freshman and Sophomore years the student must carry at least four three-hour courses.
5. Courses in which the examinations conflict (see schedule) may not be elected in the same semester.
6. No year course may be entered in the middle of the year except with the permission of the Administrative Board and the consent of the department concerned. When a year course is dropped, no credit for the first semester is allowed except with the recommendation of the instructor and the chairman of the department and the permission of the Administrative Board.
7. Changes in courses elected may be made only with the permission of the Administrative Board. After September 5 and after the first day of the second semester only circumstances beyond the control of the student will be considered grounds for changes of course.
 - (a) Requests for these changes must be filed in the Office of the Class Deans on official blanks to be obtained in that office.
 - (b) If changes on the course cards are made necessary by reason of carelessness on the part of the student a fee of two dollars is charged.
 - (c) No petition to drop hours of work carried above the minimum will be granted after November 15 for the first semester and after April 3 for the second semester.
8. No student is allowed to attend a class either as an occasional or a regular auditor except with the permission of the instructor in charge of the course.

DEAN'S LIST

A Dean's List is made up of students who in the previous year have gained an average of B or better.

COURSES OF STUDY

An "a" after the number of a course indicates that it is given in the first semester; a "b" that it is given in the second semester.

Where no letter follows the number of the course, the course runs through the year.

The number of hours of credit for a course is indicated in italics.

The numerals after the letters indicating days of the week show the scheduled hours of classes.

[] Courses in brackets will be omitted for the year.

() Numerals in parentheses following the number of a course indicate the former number.

† Hours for courses so marked are arranged after elections are made.

§ Laboratory work in courses so marked is arranged privately.

() Divisions in parentheses will be withdrawn if not needed.

Dem. indicates demonstration; Lab., laboratory; Lec., lecture; Rec., recitation; Sect., section.

An "L" in parentheses at the close of the description of a course in the literature departments indicates that it may be taken to fulfill the foreign literature requirement.

Explanation of marks before instructors' names: †Absent for the year; *absent for the first semester; **absent for the second semester; ||with the Juniors in France; †in Mexico; §in Geneva; |in Italy; ¹appointed for the first semester; ²appointed for the second semester.

INTERDEPARTMENTAL COURSES

These courses are open to a limited number of Freshmen and Sophomores only. They may be taken to fulfill the distribution requirement in their respective Groups.

Social Science 192. The Integrated Study of American Society. An introductory analysis of central ideas, beliefs, and institutions in relation to physical and human resources. Some of the methods and materials of political science, economics, and sociology will be employed. *Three hours each semester.* Lec. M 11; Rec. T W 11, 2. Mr Page (*Director*), Mr Taber, Mr Peltason. (Group E)

Physical Science 193. Molecules and Atoms. A survey of the mechanical, chemical, and electrical experiments that disclose the nature of molecules and atoms. This branch of scientific activity is used to illustrate the methods of science, and the interplay between science and society. Three lectures and one discussion. Lec. Th F S 9; discussion W 10, 2. Mr McCue (*Director*), Mr Sherk. (Group F)

Physical Science 194. The Earth in Time and Space. The nature of the earth, its relation to the solar system and universe. The physical laws which govern the earth and its relations to the other astronomical bodies. Theories of the origin of the earth, solar system, and universe. Lecture, three hours; laboratory and demonstration, two hours. *Three hours each semester.* Lec. M T W 12; Lab. W 2-4, Th 9-11. Miss Olmsted (*Director*), Mr Durham, Mr Scott, Mrs Tinker. (Group F)

Biological Science 195. The Living World. Life as exhibited in the form, function, inheritance, and evolution of living organisms, with special emphasis on the relationship of man to the balance of nature. Lecture, two hours; discussion or demonstration, one hour; laboratory, two hours. *Three hours each semester.* Lec. Th F 9. Sect. A, M 9 T 9-11; Sect. B, M 2 T 2-4; Sect. C, Th 11 F 11-1; Sect. D, Th 2 F 2-4. Mr Driver and Miss Potter (*Co-directors*), Miss Driscoll. (Group G)

General Literature 291. A study of selected literary masterpieces (in translation) from Homer to Tolstoy. *Three hours each semester.* Lec. W 2; section meetings, M T W 9, W Th F 2, Th F S 10. Mr Guilloton (*Director*), Miss Muchnic, Mr Fisher. (Group A)

First semester the reading will consist of the *Iliad*, three Greek tragedies (*Agamemnon, Oedipus Rex, Medea*), two dialogues of Plato (*Phaedo, Symposium*), three books of the Bible (Job, Saint Luke, First Corinthians), the *Aeneid*, and the *Divine Comedy*; second semester of selected essays of Montaigne, three plays of Shakespeare (*Richard II, Much Ado about Nothing, Antony and Cleopatra*), *Don Quixote* (Part I), Pascal's *Thoughts*, *Candide*, *Faust* (Part 1), *War and Peace*.

ART

PROFESSORS:

CLARENCE KENNEDY, PH.D.

OLIVER WATERMAN LARKIN, A.M., *Chairman*

EDGAR CRAIG SCHENCK, M.F.A. (Director of the Museum)

EDGAR WIND, PH.D.

HENRY-RUSSELL HITCHCOCK, A.M.

ASSOCIATE PROFESSORS:

KATE RIES KOCH, A.M., M.L.D.

KARL SCOTT PUTNAM, B.S. IN ARCH.

PRISCILLA PAYNE VAN DER POEL, A.M.

MERVIN JULES

ASSISTANT PROFESSORS:

RANDOLPH WARDELL JOHNSTON

H. GEORGE COHEN

PHYLLIS WILLIAMS LEHMANN, PH.D.

ELEANOR DODGE BARTON, A.M.

RUTH WEDGWOOD KENNEDY, A.B.

LECTURER:

DEBORAH HAMBIDGE, B.F.A.

INSTRUCTORS:

MARGERY ANN WILLIAMS, A.M.

The courses which may be taken to fulfill the distribution requirement in Group B are 11, 12, 23, 29, 37, 13.

Students planning to major or to do Honors work in art will find that courses in literature, language, and history taken in the first two years will prove valuable. A reading knowledge of foreign languages is desirable.

A related course in history, literature, philosophy, or religion may, with the approval of the instructor, be substituted for the stated prerequisite in the following courses: 23, 311a, 321a, 322a.

A. Historical Courses

Each of the historical courses may include one or more trips to Boston, New York, or the vicinity for the study of original works of art.

11. An Historical Introduction to Art. *Three hours each semester.* W Th F 3; discussion meeting, choice of T 12, 2, W 11, Th, F 10, 11, S 9. Members of the Department. *Director*, Miss Barton.

- 12 (22). Art Appreciation. Nature of the work of art and of our response to its form and meaning. *Three hours each semester.* M T W 9. Mr Larkin assisted by Mr Jules, Mr Cohen, Miss Hambidge.
23. The Art of the Italian Renaissance. Development of the arts in Italy from 1298 to 1594, with special emphasis on their interrelationships and on the emergence of a consistent theory of art. Lectures, problems, and field trips. Prerequisite, 11 or History 11. *Three hours each semester.* M T W 10. Mr and Mrs Kennedy.
29. The Art of Greece and Rome from the prehistoric background to the late antecedents of Christian art; architecture, sculpture, painting, and the minor arts as conditioned by social, intellectual, and religious history. *Three hours each semester.* Th F S 9. Mrs Lehmann.
- 31a. Greek Sculpture: its stylistic development in its religious and social setting. Prerequisite, 11, History 12, or a course in the Classics. *Three hours.* Th F S 11. Mrs Lehmann.
- 31b. Greek and Roman Painting: ancient painting from the pre-Hellenic background to the end of pagan antiquity. Prerequisite, 11, History 12, or a course in the Classics. *Three hours.* Th F S 11. Mrs Lehmann.
- 34a. Northern Art. Flemish, French, and German art from the fourteenth through the sixteenth century. Prerequisite, 11 or by permission of the instructor. *Three hours.* M T W 9. Miss Barton.
- 34b. Art in Northern Europe, France, and Spain in the seventeenth and eighteenth centuries. Prerequisite, 11 or by permission of the instructor. *Three hours.* M T W 9. Miss Barton.
- 35a. History of Landscape Architecture. A survey of landscape design, with emphasis on the social and political conditions affecting the various periods. *Three hours.* Th F S 10. Miss Koch.
- 36b. Civic Art. History of planning, including study of the development of cities from ancient to modern times and the physical development of communities. Principles of city and regional planning. *Three hours.* Th F S 10. Miss Koch.
37. Principles of Architecture. Structure, plan, and design studied in specific medieval, Renaissance, and modern American situations. *Three hours each semester.* Th 4-6 F 4. Mr Hitchcock.
- [39 (39a). Decorative Styles. European and American thought and taste as expressed in interior design, furniture, textiles, and costume from the medieval period to the present. To alternate with 335a and b. *Three hours each semester.* Th F S 12. Mrs Van der Poel.]
- 310b. Development of typography from the fifteenth century to the present; book illustration. *Three hours.* M T W 3. Mr Kennedy.
- [311a. Medieval Art. Review of the principles of classic art, followed by a survey of its change into Byzantine art in the East and Romanesque and Gothic in the West; particular emphasis upon the architecture and sculpture of the great churches of England, France, and Italy. Prerequisite, 11, History 11, or by permission of the instructor; open to Sophomores by permission. *Three hours.* M T W 11.]

- 317a. Leonardo da Vinci. *Three hours.* M 4 T 4-6. Mr Kennedy.
- 317b. Raphael and the High Renaissance in Rome. *Three hours.* M 4 T 4-6. Mrs Kennedy.
- [321a. Italian Baroque Art. Italian thought and taste of the seventeenth century as illustrated in architecture, sculpture, and painting. Prerequisite, 11, 12, or History 11. To alternate with 322a. *Three hours.* M T W 9.]
- [322a. Baroque and Rococo Painting of the Seventeenth and Eighteenth Centuries in France and Spain. Prerequisite, 11, 12, or History 11. To alternate with 321a. *Three hours.* M T W 9.]
- 325a. The Arts in America from the colonial settlements through the years of the expanding republic; painting, sculpture, architecture, graphic art, and the crafts as an expression of thought and taste. For students who have passed 11 or are taking the Major in American Studies. *Three hours.* M T W 12. Mr Larkin.
- 325b. The Arts in America from the Civil War to the present. For students who have passed 11 or are taking the Major in American Studies. *Three hours.* M T W 12. Mr Larkin.
- 327 (327b). Modern Art. Contemporary art and its backgrounds. Prerequisite, 11, 12, or by permission of the instructor. *Three hours each semester.* Th F S 10. Mrs Van der Poel.
- 329a. Modern Architecture. Materials, functions, and methods of design, with reference to economic, social, and cultural conditions since the industrial revolution, mainly in America. Prerequisite, 37. †*Three hours.* Mr Hitchcock.
- 41, 41a, 41b. Special Studies. For qualified Seniors by permission of the Department. †*Two or three hours.*
- 42a. Seminar in Dürer, Grünewald, and Holbein. For Seniors by permission of the instructor. †*Three hours.* Mr Wind.
- 42b. Seminar in English Art of the Eighteenth Century. For Seniors by permission of the instructor. †*Three hours.* Mr Wind.
- 50, 50a, 50b. Research and Thesis. *Three or six hours.*
- 51, 51a, 51b. Advanced Studies. †*One hour or more.*
55. Art of the Italian Renaissance. †*Three hours each semester.* Mr and Mrs Kennedy.
- 57a, 57b. Modern Art. †*Three hours.*

For further information about graduate work in art, application should be made to the chairman of the Department. Adviser of graduate study: Mrs Kennedy.

B. Technical Courses

13. Basic course in understanding the visual properties of color, light, form, space, line, texture, etc. through study of simple problems dealing with the nature of materials and their creative application. *Three hours each semester.* M T 9; seven studio hours of which four must be T W 11-1, 2-4, Th F 10-12. Mr Jules, Mr Cohen, Miss Hambidge, assisted by Mr Larkin.
 NOTE.—A fee is charged for materials.

210. Principles and Techniques of Organization applied to related drawing and painting projects from figure, portrait, still life, landscape, etc. Prerequisites, 13 and permission of the instructor. *Three hours each semester.* Nine studio hours of which six must be M T W 11-1. Mr Cohen.
212. Elementary Sculpture. Basic elements of sculptural design; modeling heads and figures from life, introduction to stone-carving and the modeling and firing of terra cottas. Prerequisite, 13. *Three hours each semester.* Nine studio hours of which six must be M T 2-5. Mr Johnston.
331. Advanced Drawing and Painting. Individual creative expression, with emphasis on the techniques of pictorial organization. Prerequisite, 210, 212, or 335a or b. *Three hours each semester.* Nine studio hours of which six must be Th F 2-5. Mr Jules.
333. Advanced Sculpture. Figure composition; life and portrait modeling; bronze-casting; advanced work in stone and terra cotta. Prerequisite, 212. [†]*Three hours each semester.* Mr Johnston.
- [335a. Applied Design. History, principles, and techniques of design applied to original work in the studio. Prerequisite, 13 or by permission of the instructor. To alternate with 39. *Three hours.* Lec. Th 12; six studio hours of which one must be F 12. Mrs Van der Poel.]
- [335b. Continuation of 335a. Principles of design applied to studio work in interior design, allover patterns, posters, advertising layout, illustration, and costume. Prerequisite, 13 or by permission of the instructor. To alternate with 39. *Three hours.* Lec. Th 12; six studio hours of which one must be F 12. Mrs Van der Poel.]
336. Graphic Art. The making and printing of woodcuts and wood engravings. Prerequisite, 210, 212, or 335a or b. To alternate with 337. *Three hours each semester.* Nine studio hours of which four must be M T 11-1. Mr Johnston.
- [337. Graphic Art. The making and printing of lithographs. Prerequisite, 210, 212, or 335a or b. To alternate with 336. *Three hours each semester.* Nine studio hours of which four must be M T 11-1. Mr Johnston.]
339. Architectural Design. Studio practice in the solution of simple architectural problems. Studio periods; one trip, usually of two days, to New York or Boston. For students who have passed 13 or 341 and have passed or are taking 37. *Three hours each semester.* Th F S 9. Mr Putnam.
341. Landscape Architecture. Introduction to the principles of landscape design, with problems in organization of the landscape plan. For students who have passed or are taking 11, 12, 13, or Botany 27. *Three hours each semester.* M T W 9; drafting periods to be arranged. Miss Koch.
- 41, 41a, 41b. Special Studies. For qualified Seniors by permission of the Department. [†]*Two or three hours.*
- [43. Individual Expression in Drawing and Painting. Prerequisite, 331. *Three hours each semester.* Nine studio hours of which six must be W Th F 2-4. Mr Jules.]
59. Advanced Design. [†]*Three hours each semester.* Mr Larkin, Mrs Van der Poel.
510. Architecture. *Three hours each semester.* Th F S 10. Mr Putnam.

512. Landscape Architecture. *†Three hours each semester.* Miss Koch.

513. Drawing, Painting, or Sculpture. *†Three hours each semester.* Members of the Department.

THE MAJOR

Advisers: Mr Larkin, Mr Cohen, Miss Barton, Mrs Kennedy.

Based on 11 or 13. If the major is based on 13, 11 must be taken later, but may not be counted in the major.

Essential Courses: eighteen semester hours in art of which at least nine must be from Division A.

Optional Courses: other courses in art; Philosophy 33; closely related courses in a foreign language, literature, history, or music approved by the adviser.

Students who are interested in specializing in architecture and landscape architecture are referred to the Interdepartmental Major in these subjects.

Honors

Director: Miss Barton.

Prerequisites: 11 and 23 or 29.

Program: an arrangement, approved by the director, of courses and special studies in art and related fields in preparation for general examinations.

Examinations: two written examinations of which the first will test a student's scholarship in specific fields of art history, with emphasis on bibliography, museum sources, etc.; the second will comprise an essay or essays. The third examination will be oral.

ASTRONOMY

ASSOCIATE PROFESSOR: *†Marjorie Williams, Ph.D., Chairman*
(Director of the Observatory)

INSTRUCTORS: *Jocelyn Ruth Gill, S.M., Acting Chairman*
Katherine Prescott Tinker, Ph.D.

The courses which may be taken to fulfill the distribution requirement in Group F are 11, Physical Science 194.

Students planning to major or to do Honors work in astronomy are expected to complete Mathematics 12 or 13 in Freshman or Sophomore year and are therefore strongly urged to offer three units of mathematics for entrance. They are advised to take Astronomy 11 and Mathematics 12 or 13 in Freshman year and Mathematics 21 or 22a, elementary physics or chemistry, and German before Junior year. See also the statement for Honors.

The prerequisite for 22a, 23b, and 34 is 11 or 21.

11. General Astronomy. Physical characteristics and motions of members of the solar system and the sidereal universe; observations of constellations, sun, moon, and planets. Recitation and discussion, two hours; daytime laboratory, one hour; evening laboratory and observing dependent on the skies, averaging three hours. *Three hours each semester.* Th F S 11. Miss Gill.

[22a. Observatory Practice. Training in the use of visual and photographic telescopes and other equipment. Observations of sunspots, lunar and planetary

detail, occultations, variable stars, other telescopic objects. Collateral reading. Recitation and conference, three hours; observing and laboratory, four hours. *[Three hours. Miss Gill.]*

23b. Variable Stars: physical characteristics of the various types. Discussion of methods of observation and of obtaining periods and light curves. *[Three hours. Miss Gill.]*

24b. Celestial Marine and Air Navigation. Theory and practice in the determination of position on the earth, primarily from observations of celestial bodies. Prerequisite, the first semester of Mathematics 12 or, by permission of the instructor, trigonometry presented for entrance. Recitation and discussion, two hours; observing and laboratory, three hours. *[Three hours. Mrs Tinker.]*

26a. Descriptive Astronomy, designed to give a general knowledge of the field. Opportunity for learning the constellations and for using the telescopes. For students who have not taken 11 or 21 and have completed the Group III requirement. *Three hours. Th F S 9. Mrs Tinker.*

26b. Repetition of 26a.

[31a. Spherical and Practical Astronomy. Theory and use of transit instrument for determination of time, latitude, and instrumental corrections. Prerequisites, 11 or 21, and Mathematics 12 or 13. Recitation and conference, two hours; observing and laboratory, four hours. *[Three hours. Mrs Tinker.]*

31b. Spherical and Practical Astronomy. Theory and use of the equatorial telescope. Determination of positions by means of photographic plates and the filar micrometer. Least Squares. Prerequisite, 31a. Recitation and conference, two hours; observing and laboratory, two hours. *[Three hours. Mrs Tinker.]*

[34. Astrophysics. Special problems concerning the light of sun and stars, stellar motions, statistical methods of handling observational material. *[Three hours each semester. Miss Gill.]*

35. Determination of Orbits. Methods of computing orbits of comets and planets. Theory and practice. Prerequisites, 11 or 21, and Mathematics 21 or 22a. *[Three hours each semester. Mrs Tinker.]*

41, 41a, 41b. Special Studies. For qualified Seniors by permission of the Department. *[Two or three hours.]*

50, 50a, 50b. Research and Thesis. *Three or six hours.*

51a, 51b. Special problems in astrophysics, practical astronomy, or celestial mechanics. *[Three hours or more.]*

Adviser of graduate study: Miss Gill.

THE MAJOR

Adviser: Miss Gill.

Based on 11 or 21.

Essential Courses: 31a, 31b, 34; Mathematics 21 or 22a.

Optional Courses: other courses in astronomy except 22a and 24b; other courses in mathematics above Grade I; Economics 38; courses in physics, chemistry, or geology with the approval of the adviser.

Honors

Director: Miss Gill.

Prerequisites: 11 or 21; Physics 11 or its equivalent.

Program:

Essential Courses: 31a, 31b, 34; Mathematics 21 or 22a.

Optional: courses or units in astronomy, mathematics, or physics; in chemistry with the approval of the director.

Half of the work of first semester of Senior year will be spent on a paper in the field of astrophysics, or on a problem in the field of practical astronomy or celestial mechanics; one-fourth of the second semester will be spent in review for the examinations.

Examinations: two general examinations covering the fields of general astronomy, astrophysics, practical astronomy, physics, mathematics; one in the field of concentration, which may be a partly practical examination involving techniques and manipulation of instruments.

BOTANY

ASSOCIATE PROFESSORS: SARA BACHE-WIIG, PH.D.

†MARGARET KEMP, PH.D., *Chairman*

KENNETH E. WRIGHT, PH.D., *Acting Chairman*

HORTICULTURIST: WILLIAM I. P. CAMPBELL

SMITH COLLEGE GENETICS EXPERIMENT STATION

VISITING PROFESSOR: ALBERT FRANCIS BLAKESLEE, PH.D., SC.D., LL.D.

VISITING ASSOCIATE

PROFESSOR: SOPHIE SATIN, SC.D.

RESEARCH ASSOCIATE: AMOS GEER AVERY, M.S.

The courses which may be taken to fulfill the distribution requirement in Group G are 11, Biological Science 195.

Students planning to major in botany are advised to have a knowledge of general zoology or chemistry and a reading knowledge of German or French. See the Honors program for additional preparation required.

Unless otherwise stated the prerequisite for all courses below Grade IV is 11, Biological Science 195, or permission of the instructor.

A. Science of Botany

11. General Botany. Outline of the fundamental facts and methods of the science. This course deals primarily with the structure and physiology of the higher plants and of representative forms of the plant groups, including microscopical study of their cellular anatomy. Not open to students who have offered botany for entrance. Two lectures and two two-hour laboratory periods. *Three hours each semester.* Lec. T W 9. Lab. A, M T 11; Lab. B, M T 2; Lab. C, Th F 9; Lab. D, Th F 2. Miss Bache-Wiig, Mr Wright (*Director*).

21a. Elementary Plant Physiology. Study of the fundamental plant functions, with training in experimental methods. One lecture and two two-and-one-half-hour laboratory periods. *Three hours.* M 2-4 Th F 11-1. Mr Wright.

[22b. Field and Forest Botany. A study of ferns and flowering plants of the Northampton region. Principles of classification. Field trips in the spring, with emphasis on plant associations of special habitats. One lecture and five hours of laboratory or field work. *Three hours.* Th F 2-5. Miss Bache-Wiig.]

[23b. Plant Breeding. *Three hours.* Miss Kemp.]

[31a. Comparative Morphology of Lower Vascular Plants. The vegetative and reproductive structures and evolutionary development of living and extinct ferns and fern allies, preceded by a brief study of liverworts and mosses. One lecture and five hours of laboratory. *Three hours.* Lec. M 10; Lab. M 11 T W 10-12. Miss Kemp.]

[31b. Comparative Morphology of Higher Vascular Plants. The vegetative and reproductive structures and evolutionary development of the Gymnosperms and Angiosperms. One lecture and five hours of laboratory. *Three hours.* Lec. M 10; Lab. M 11 T W 10-12. Miss Kemp.]

[32a. Microtechnique. Methods used in the preparation of various plant materials for microscopic study. Six hours of laboratory. *Three hours.* M T 2-5. Miss Bache-Wiig.]

33b. Plant Geography. Climate and climatic formations of the world; problems of migration and barriers; distribution of species over the world, especially in relation to the geological record. Two lectures and one recitation. *Three hours.* M T W 12. Miss Bache-Wiig.

34a. Mycology. The structure, life history, and habitat of representative species of the fungi, with emphasis on theories of origin and relationship. Prerequisite, 11 or Bacteriology 22. This course may serve as a prerequisite for Bacteriology 42b. One lecture and five hours of laboratory. *Three hours.* M T W 9-11. Miss Bache-Wiig.

[37b. Physiology of Growth. A study of growth phenomena, with particular emphasis upon the effects of various culture media, hormones, vitamins, and enzymes. Prerequisites, elementary physiology and a year of chemistry. Two lectures and two two-hour laboratory periods. *Three hours.* Th F S 10-12. Mr Wright.]

Zoology 36. Genetics and Eugenics.

B. Horticulture and Planting Design

27. Horticulture. Theory and practice of plant cultivation and improvement, with a study of the species commonly cultivated and the preparation of gardens. Two lectures and two two-hour laboratory periods. *Three hours each semester.* Lec. Th F 10; Lab. Th F 11. Members of the Department (Miss Bache-Wiig, Director) assisted by Mr Campbell.

38a. Plant Materials. Study of trees, shrubs, and herbaceous plants, with emphasis on the identification of woody ornamental plants. Lectures, laboratory and field work. For students who have passed or are taking Art 341 or have passed a course in botany. *Three hours.* M T 2-5. Miss Koch.

38b. Planting Design. Study of trees, shrubs, and herbaceous plants in relation to their use in landscape art, and the design of simple planting compositions.

Lectures, problems, trips. For students who have passed or are taking Art 341 or have passed Botany 38a. *Three hours.* M T 2-5. Miss Koch.

Art 341. Landscape Architecture.

41, 41a, 41b. Special studies: work in morphology, anatomy, physiology, ecology, mycology, pathology. For qualified Seniors by permission of the Department. *†Two or three hours.*

50, 50a, 50b. Research and Thesis. *Three or six hours.*

51, 51a, 51b. Advanced studies in the fields of morphology, anatomy, physiology, mycology, arranged in consultation with the adviser of graduate work. *†One hour or more.* Miss Bache-Wiig, Miss Kemp, Mr Wright.

52a, 52b. Selected problems in a specific field of botany assigned for investigation, experimental work, and discussion. *†One hour or more.*

S53. Apprenticeship Summer Course in Plant Genetics. Students are offered the opportunity of learning research methods, techniques, and aims through assisting in the current research of the Genetics Experiment Station. For graduate students it is recommended that this course be elected in the summer preceding the first academic year of a program in this field. *†Three hours.* Mr Blakeslee, Miss Satin, Mr Avery.

54a, 54b. Seminar on problems and methods in modern plant genetics. *†One hour.* Mr Blakeslee, Miss Satin, Mr Avery.

55, 55a, 55b. Laboratory Practice in Cytogenetics. Preferably taken with 54a or b. *†Two hours.* Mr Blakeslee, Miss Satin.

NOTE.—A laboratory course in genetics at Amherst College under the direction of Mr Plough may be substituted for all or part of 55.

56a, 56b. Seminar on recent advances and current problems in botany. Selected topics for reading and individual reports. *†One hour.* Members of the Department.

Adviser of graduate study: Mr Wright.

THE MAJOR

Adviser: Miss Bache-Wiig.

Based on 11 or 21a and 22b.

Essential Courses: twelve semester hours in botany above Grade II.

Students may count within the eighteen hours of Grade III courses six hours in Art 341, Zoology 36 or 38.

Optional Courses: other courses in botany above Grade I; courses in bacteriology, chemistry, geology, physics, and zoology.

Honors

Director: Miss Bache-Wiig.

Prerequisites: 11; chemistry (one year in preparatory school or college).

Program:

Requirements: 21a and 22b (taken before Junior year if possible); 31a, 31b, 37b; six hours of Grade IV or V in botany, involving a problem and a paper; three hours of directed reading and review.

Optional: courses approved by the director.

Examinations: a general examination covering major fields of botany; one in identification and interpretation of materials and in application of techniques; one in the special field of the candidate.

CHEMISTRY

PROFESSORS:	JESSIE YEREANCE CANN, PH.D., <i>Chairman</i>
	**C. PAULINE BURT, PH.D., SC.D.
ASSOCIATE PROFESSOR:	KENNETH WAYNE SHERK, PH.D.
ASSISTANT PROFESSORS:	MILTON DAVID SOFFER, PH.D.
	GEORGE STONE DURHAM, PH.D.
INSTRUCTOR:	GEORGE BERNARD DIAMOND, M.ENG.
TEACHING FELLOWS:	SYLVIA DE ANTONIS, B.S.
	ANN DONALDSON, B.S.
	FLORENCE LOUISE PALMER, B.S.
	SONYA ALICE JOHNSON, A.B.
	DOROTHY WOOD LOOMIS, B.A.
RESEARCH ASSOCIATES:	ROBERTA A. STEWART, A.M.
	HILDA ERDINE GELLERSON, A.M.

The courses which may be taken to fulfill the distribution requirement in Group F are 11, 12, 21a, 21b, Physical Science 193, 194.

Students who offer chemistry for entrance may enter 21a instead of 12 with the permission of the Department. Application for this permission should be made at the time of election of courses.

Students who are planning to major in chemistry should elect 11 or 12 (or 21a and b) in Freshman year. They are expected to complete Mathematics 12 or 13 the first year and are therefore strongly advised to offer three units of mathematics for entrance. A year of differential and integral calculus is required as eligibility for professional standing as stipulated by the American Chemical Society. For additional preparation for Honors work see that program.

1. General Chemistry. Two lectures, one recitation, and one three-hour laboratory period. *Three hours each semester.* Lec. Th F 11; Rec. S 10, 11; Lab. T 2. Mr Durham, Miss Loomis.

1.2. General Chemistry and Elementary Qualitative Analysis. Prerequisite, a preparatory course in chemistry. Not open to students who have taken 11. Two lectures, one recitation, and one three-hour laboratory period. *Three hours each semester.* Lec. M T 9; Rec. W 9, 11, 2; Lab. T, Th 2. Mr Soffer, Mr Diamond, Miss Johnson.

21a. Qualitative Analysis. Cation and anion analysis using semimicrotechnique. Prerequisite, 11. One lecture, one recitation, and two two-hour laboratory periods. *Three hours.* Lec. and rec. T W 9; Lab. M 2 or 3 T 2. Mr Diamond, Miss Donaldson.

- 21b. Quantitative Analysis. Prerequisite, 21a. One lecture, one recitation, and two two-hour laboratory periods. *Three hours.* Hours as in 21a. Mr Diamond, Miss Donaldson.
23. Elementary Physical Chemistry and Quantitative Analysis. Prerequisite, 12 or, by permission of the Department, 11. One lecture, one recitation, and four hours of laboratory. *Three hours each semester.* Lec. and rec. Th F 12; Lab. Th F 2-4. Mr Durham, Miss De Antonis.
31. Organic Chemistry. Prerequisite, 11 or 12; open to Sophomores by permission of the instructor. Two lectures, one recitation, and one three-hour laboratory period. *Three hours each semester.* Lec. and rec. M T W 12; Lab. M, T 2. Miss Burt, Miss Palmer.
- 34a, 34b. Advanced Inorganic Chemistry. Prerequisite, 23 or 21b. Two lectures and one three-hour laboratory period. *Three hours.* Lec. Th F 11; Lab. M 2. Mr Sherk.
- [38a. Advanced Quantitative Analysis. Prerequisite, 21b or 23. One lecture and six hours of laboratory. *†Three hours.* Mr Durham.]
- 38b. Advanced Quantitative Analysis. Instrumental and other special methods of analysis. Prerequisite, 21b or 23. One lecture and six hours of laboratory. *†Three hours.* Mr Durham.
- 41, 41a, 41b. Special Studies. For qualified Seniors by permission of the Department. *†Two or three hours.*
- 42a. Biochemistry. Prerequisite, 31. Two lectures and one three-hour laboratory period. *Three hours.* Lec. M T 11; Lab. F 2. Miss Burt, Mr Soffer.
- [42b. Medicinal Chemistry. Chemistry of modern synthetic drugs and extractives. Prerequisite, 31. Two lectures and one three-hour laboratory period. *Three hours.* Lec. M T 11; Lab. Th 2. Miss Burt, Mr Soffer.]
43. Physical Chemistry. For students who have passed 21b or 23, and have passed or are taking 31, Physics 11 or 21, and Mathematics 12. Lecture, discussion, and one three-hour laboratory period. *Three hours each semester.* Lec. and discussion M T 9; Lab. W 9. Miss Cann.
- 45a. Organic Qualitative Analysis. Prerequisite, 31. One lecture and two three-hour laboratory periods. *Three hours.* Lec. Th 2; Lab. Th 3 F 2. Mr Soffer.

Graduate Courses

These courses are designed mainly for graduate students, but, with the proper prerequisites, are open to Seniors by permission. It is suggested that a student majoring in chemistry take at least one of these courses.

50, 50a, 50b. Research and Thesis. *Three or six hours.*

51a, 51b. Special Studies. (1) Advanced Organic Preparations; (2) Chemical Spectroscopy; (3) Contemporary Literature; (4) Heterocyclic Natural Products; (5) Theory of Solutions. *†One hour or more.*

53b. Modern Structural Theories. Study of modern theories of atomic and molecular structure and their relation to physical and chemical properties. *†Three hours.* Mr Sherk.

54a or b. Electrochemistry. Lecture, discussion, and one three-hour laboratory period. *Three hours.* Lec. and discussion Th F 11; Lab. F 2. Miss Cann.

55a, 55b. Advanced Physical Chemistry: thermodynamics, kinetics. Prerequisites, 31 and 43 or their equivalents. *Three hours.* Lec. and discussion W 3 and Th F 9. Miss Cann.

56a or b. Instrumental Methods. A theoretical and practical study of the application of various optical and electrical instruments to the detection and estimation of substances and to the determination of their properties and structure. Lecture and laboratory. *†Three hours.* Mr Durham.

57b. Phase Rule. Prerequisites, 31 and 43 or their equivalents. *†Three hours.* Miss Cann.

58a (58). Advanced Organic Chemistry. A systematic study of reactions. *†Three hours.* Miss Burt.

59b. Carbocyclic Natural Products. The chemistry of terpenic and steroid substances, with particular emphasis upon methods of structural investigation and synthesis. Lectures and discussion. *†Three hours.* Mr Soffer.

Adviser of graduate study: Miss Cann.

THE MAJOR

Adviser: Miss Cann.

Based on 11 or 12.

Essential Courses: 21a and b (or 23 if preceded by 12 or 21a), 31, 34a, 43. Of the twelve to eighteen semester hours required in the major Senior year, at least twelve must be taken in the Department. Physics 11 or 21.

Optional Courses: other courses in chemistry above Grade I; Geology 24a; Bacteriology 22, 34; courses in mathematics and physics with the approval of the adviser.

Honors

Director: Miss Cann.

Prerequisites: 21a and b or 23, Mathematics 12 or 13, and Physics 21.

Program:

Essential Courses: 31, 34a and b, 43, and six hours chosen from 38a, 38b, 42a, 42b, 45a. Distribution recommended for Junior year: 31, 34a and b, and two additional courses; for Senior year: the other essential courses and additional work approved by the director.

Examinations: one in inorganic chemistry; one in organic chemistry and related subjects; one in analytical and physical chemistry.

CLASSICAL LANGUAGES AND LITERATURES

PROFESSORS: ELEANOR SHIPLEY DUCKETT, PH.D., D.LIT.
 F. WARREN WRIGHT, PH.D., *Chairman*
 AGNES CARR VAUGHAN, PH.D.

ASSISTANT PROFESSOR: ALICE SPERDUTI, PH.D.

At least two units in entrance Latin or the equivalent in school or college courses are required for admission to the major in classics. It is desirable that candidates for the major who have not offered ancient history for entrance take History 12.

GREEK

The courses which may be taken to fulfill the distribution requirement in Group A are 18a, 22a, 22b. However, if a student is considering a major in the Department 18a is not advised.

The prerequisite for courses of Grade III is 22b or permission of the instructor.

- 11. Elementary Course. Introduction to the language; reading from Greek prose and poetry. *Three hours each semester.* M T W 9. Miss Sperduti.
- [11d. Elementary Course, covering the work of two years. Reading from Xenophon, Homer, Euripides, Plato. *†Six hours each semester.* (L)]
- 12a. Plato: *Apology* and *Crito*. Prerequisite, two units in Greek or 11. *Three hours.* M T W 9. Miss Vaughan. (L)
- 12b. Homer: selections from *Iliad* and *Odyssey*. Prerequisite, 12a. *Three hours.* M T W 9. Miss Vaughan. (L)
- 16. Elementary Prose Composition. Prerequisite, two units in Greek, 11, or 11d. *†One hour each semester.* Miss Sperduti.
- 18a. Masterpieces of Greek Literature in Translation. *Three hours.* M T W 11. Miss Vaughan.
- 22a. Introduction to the Drama. Euripides: *Medea*; Sophocles: *Ajax*. Prerequisite, 11d, 12b, or three units in Greek. *Three hours.* M T W 12. Miss Vaughan. (L)
- 22b. Continuation of 22a. Aeschylus: *Prometheus Bound*; Sophocles: *Antigone*. Prerequisite, 22a or its equivalent. *†Three hours.* Miss Sperduti. (L)
- 31a. Greek Historians. *†Three hours.* Miss Sperduti.
- 32b. Aristophanes: *Frogs*; Aeschylus: *Agamemnon*. *†Three hours.* Miss Vaughan.
- [33a. Plato: *Republic*. *†Three hours.*]
- 34b. Selections from Lyric and Pastoral Poets. *†Three hours.* Miss Vaughan.
- 41, 41a, 41b. Special Studies. For qualified Seniors by permission of the Department. *†Two or three hours.*
- Religion 25a. Greek New Testament.
- 50, 50a, 50b. Research and Thesis. *Three or six hours.*
- 51a, 51b. Advanced studies in Greek literature and archaeology, arranged on consultation. *†One hour or more.*
- Adviser of graduate study: Mr Wright.

LATIN

The courses which may be taken to fulfill the distribution requirement in Group A are 14a, 14b, 18b, 28. However, if a student is considering a major in the Department 18b and 28 are not advised.

[11d. Elementary Course, covering the work of two years. Readings from Latin prose and poetry. †Six hours each semester.]

12a. Vergil: selections from *Aeneid* I-VI. Prerequisite, two units in Latin or three units including Cicero. Three hours. M T W 11. Miss Duckett. (L)

12b. Vergil: selections from *Aeneid* VII-XII. Prerequisite, 12a or by permission of the department. Three hours. M T W 11. Miss Sperduti. (L)

14a. Selections from Republican Prose and Poetry. Prerequisite, four units in Latin or three units including Vergil. Three hours. Th F S 9. Mr Wright. (L)

14b. Selections from Latin Poetry. Catullus; Vergil: *Eclogues*; Horace: *Odes* and *Epodes*. Prerequisite, four units in Latin or three units including Vergil or, by permission of the instructor, 12a. Three hours. Th F S 9. Miss Duckett. (L)

[16. Elementary Prose Composition. Prerequisite, four units in Latin or by permission of the instructor. †One hour each semester. Miss Duckett.]

18b. Masterpieces of Latin Literature in Translation. Three hours. M T W 11. Mr Wright.

[23a. Medieval Latin Literature. Prerequisite, 14b or, by permission of the instructor, 12b. †Three hours. Miss Duckett.]

[26a, 26b. Intermediate Prose Composition. Prerequisite for 26a, 16; for 26b, 26a. †One hour. Miss Duckett.]

[27. Classical Latin Literature. Readings in the original from representative authors. Prerequisite, 14b. †Three hours. Miss Duckett.]

28. Latin Background of English Literature. Not open to students who have taken 18b. Three hours each semester. M T W 9. Miss Duckett.

31a. Roman Satire: Horace, Juvenal, Persius. Prerequisite, 14b. †Three hours. Miss Sperduti.

32b. Latin Historians. Prerequisite, 14b. †Three hours. Mr Wright.

41, 41a, 41b. Special Studies. For qualified Seniors by permission of the Department. †Two or three hours.

42a. Lucretius: *De Rerum Natura*. Prerequisite, ten semester hours of Latin or by permission of the instructor. †Three hours. Mr Wright.

43b. Vergil: *Georgics*; Apuleius. Prerequisite, ten semester hours of Latin or by permission of the instructor. †Three hours. Miss Duckett.

50, 50a, 50b. Research and Thesis. Three or six hours.

51a, 51b. Advanced studies in Latin literature and archaeology arranged on consultation. †One hour or more.

Adviser of graduate study: Mr Wright.

THE MAJOR IN CLASSICS

Advisers: Miss Duckett, Miss Vaughan.

Based on Greek 11 and Latin 14a and b (or, by permission of the adviser, Latin 12b). Essential Courses: eighteen semester hours chosen from Greek 22a and b, 31a, 32b, 33a, 34b, Latin 31a, 32b, 42a, 43b; four semester hours chosen from Greek 16, Latin 16, 26a and b.

Optional Courses: other courses in Greek except 18a; courses in Latin above Grade I except 28; allied courses in other departments.

A major in Greek or in Latin may be arranged on consultation with the chairman.

Honors

Director: Mr Wright.

Prerequisites: Greek 11; Latin 14a and b or, by permission of the director, 12b.

Program: four hours chosen from Greek 16, Latin 16 (or 26a and b); six hours for the preparation of a long paper; the subject matter of Greek 22a and b, Latin 31a, 32b, and Greek 31a and 32b or 33a and 34b or Latin 42a and 43b. The program must include at least three units.

Examinations: one will test the candidate's ability to read Greek and Latin; one her general knowledge of Greek and Roman literature with the historical and archaeological background; and one her mastery of a field of concentration.

Units

The Department will offer units in the fields of classical literature, art, and antiquities for Honors students in classics or in other departments.

ECONOMICS

PROFESSORS:

ESTHER LOWENTHAL, PH.D., *Acting Chairman*

*WILLIAM AYLOTT ORTON, M.A., D.Sc. (ECON.), LL.D.,
Chairman

DOROTHY CAROLIN BACON, PH.D.

DOROTHY WOLFF DOUGLAS, PH.D.

ASSOCIATE PROFESSORS:

STANLEY CURTIS ROSS, A.B., LL.D.

EDWARD F. WILLETT, PH.D.

INSTRUCTORS:

EDGAR FRANCIS TABER, JR., A.M.

MARTHA VAN HOESEN TABER, A.M.

The courses which may be taken to fulfill the distribution requirement in Group E are 21, 32, 319, Social Science 192.

21 or 22a is the prerequisite for 31b, 33a and b, 35, 315b, 317b.

21. Outlines of Economics. Survey of economic principles and techniques as applied in modern industry, agriculture, transportation, trade, and finance. Open to Freshmen by permission. *Three hours each semester.* Lec. M T 9; Rec. T 2, W 9, 3. Lec. Th F S 10. Miss Lowenthal, Mr Orton, Mr Ross, Mr and Mrs Taber.

22a. Introduction to Economic Analysis. Demand and supply, price determination and distribution theory. Open only to students who have passed Social Science 192. *Three hours.* Th F S 11. Mr Ross.

313b (34a). Accounting. The theory of debits and credits. The organization and use of accounting records, the construction and interpretation of balance sheets and of statements of revenue and expense, and selected special topics. Two lectures and one two-hour laboratory period. *Three hours.* M T 9 M 3-5. Mr Willett.

311b. Public Finance. Taxation, government spending and borrowing; economic effects and current controversies. *Three hours.* M T W 10. Mr Taber.

322. Labor Problems and the Labor Movement. Labor history, trade-unionism, women and child workers, personnel management, labor legislation. Also for Sophomores who have passed 21. *Three hours each semester.* M T W 12. Mrs Douglas.

333a. History of Economic Theory, 1776-1875. Adam Smith through Karl Marx. *Three hours.* M T W 10. Miss Lowenthal.

333b. History of Economic Theory from 1875. Changes in economic thought since John Stuart Mill. *Three hours.* M T W 10. Miss Lowenthal.

355. Money and Banking. Monetary theory, American and foreign banking, foreign exchange, problems of prosperity and depression. *Three hours each semester.* Th F S 9. Miss Bacon.

388. Statistical Methods. Tabulation, graphic representation, averages, measures of dispersion, correlation, index numbers, and the treatment of time series. This course should normally be elected Senior year. *Three hours each semester.* Lec. Th F 2; four laboratory hours chosen from T 2-6, Th, F 3-6. Miss Bacon, Mr Taber.

Note.—Credit will be given for the first semester if it is followed in the same year by Sociology 43b.

311b. Government and Business. The development of public control of business in the United States; problems of present-day regulation. Prerequisite, 21, 22a, or by permission of the instructor. *Three hours.* M T W 11. Mr Willett.

312a (312). Corporations: their organization, accounting, financial policies, and public control. Prerequisite, 21, 22a, or by permission of the instructor. *Three hours.* M T W 9. Mr Willett.

313a (313). International Trade and Finance. Prerequisite, 21, 22a, or by permission of the instructor. *Three hours.* M T W 11. Mr Willett.

314a. Personal Finance. Topics studied include inflation, tax forms, insurance, annuities, installment buying, home ownership, and investment. *Three hours.* Lec. M T 2; Rec. W 10, 2, 3. Mr Willett.

315b (315). International Economics since 1918, with special reference to the effects of the postwar settlements and the economic factors of the war of 1939. *Three hours.* Th F S 12. Mr Orton.

317b. Economics of Agriculture. Theory of land values, American agricultural development, agricultural-industrial relationships, government and the farmer. *Three hours.* Th F S 11. Mr Ross.

319 (319a). Theories and Movements for Social Reorganization: economic and social structure of the U.S.S.R. Also for Sophomores who have passed 21. *Three hours each semester.* M T W 11. Mrs Douglas.

41, 41a, 41b. Special Studies. For qualified Seniors by permission of the Department. *†Two or three hours.*

[**42a (42b).** Seminar in Theories of Wages. Relation of contemporary wage theory to recent governmental labor policies and employer and labor organization. By permission of the instructor. *†Three hours.* Mrs Douglas.]

43b. Seminar in Investment Policies. By permission of the instructor for students who have passed 35 or 312a or are taking 35. *†Three hours.* Mr Willett.

47b. Interdepartmental Seminar in Economics, Government, and Sociology: for 1948-49, Common Problems of the Social Sciences: comparison of postulates and techniques. By permission of the director, Mr Orton. *†Three hours.* Miss Bryson, Miss Kenyon.

50, 50a, 50b. Research and Thesis. *Three or six hours.*

51, 51a, 51b. Advanced Studies. *†One hour or more.*

Adviser of graduate study: Mrs Douglas.

THE MAJOR

Advisers: members of the Department.

Based on 21 or 22a.

Essential Courses: eighteen semester hours above Grade II in economics except 314a.

Optional Courses: to be arranged with the approval of the adviser.

Majors may spend the Junior year abroad if approved by the Department and the appropriate committee. Early attention should be given to the language requirement involved.

Honors

Director: Miss Bacon.

Prerequisite: a grade of B in Economics 21.

Program: all students must take 33a and b or the equivalent unit.

In Senior year one-fourth or one-half of the work of first semester must be spent on the preparation of a paper on an approved topic, involving independent work; in second semester one-fourth of the work will be spent on review.

Examinations: one in general theory and historical background; one in the student's field of concentration; one an essay or problem.

Units

(Six hours each)

Economic Theory. *First semester,* Miss Lowenthal.

Studies in International Economic Organization. *Second semester,* Mr Orton.

Topics in Money and Banking. *First semester,* Miss Bacon.

Statistical Methods. *Second semester,* Miss Bacon.

Corporation Finance and Investments. *Second semester* (alternate years), Mr Willett.

EDUCATION AND CHILD STUDY

PROFESSOR: SETH WAKEMAN, PH.D.

ASSOCIATE PROFESSORS: MARY A. WAGNER, M.A., Director of the Elisabeth
Morrow Morgan Nursery School

ANNELIES ARGELANDER ROSE, PH.D.

ASSISTANT PROFESSORS: CLIFFORD RICHARDSON BRAGDON, A.M., ED.M., *Chairman*
HELEN EVANGELINE REES, ED.D., Director of the Smith
College Day School

LECTURERS: LORRAINE WINEOW BENNER, A.M.

RONALD JEREMIAH DARBY, ED.M.

HERBERT ARNOLD CLARK, ED.M.

MINNIE MARION STINSON, B.S. IN ED.

FRANK HORACE REITER, PH.D.

ACTING DIRECTOR OF

EDUCATIONAL CLINIC: DOROTHY S. CARLE, B.S. IN ED.

INSTRUCTOR: HARRIET WARNER, A.M.

ASSISTANT: VIRGINIA HELEN JOHNSTON, A.B.

The following courses are recommended to students planning to major in education and child study: Biological Science 195, Psychology 11 or 12, Social Science 192, Sociology 26, Zoology 12.

An opportunity for educational guidance including improvement in reading and study skills is offered to Freshmen and a limited number of other students. One period each week, hours to be arranged. No credit.

Students who desire to comply with the varying requirements of different states for teachers' certificates are urged to consult Mr Bragdon as early as possible during their college course. A five-year program leading to the degree of Master of Education fulfills the requirements now set by certain states.

21a. Introduction to Education. Historical and philosophical background of modern educational problems. *Three hours.* Lec. M T W 2. Mr Bragdon.

22a. Educational Psychology. A study of biological, psychological, and social factors in mental development, with special reference to problems in learning. *Three hours.* M T W 12. Mr Wakeman.

22b. A repetition of 22a. M T W 2.

24a. Child Psychology. Mental development of the child from birth to puberty. Prerequisite, Psychology 11 or 12. *Three hours.* Lec. Th F 11; Rec. F 12, S 11. Mrs Rose.

24b. Psychology of Adolescence. Mental development of the adolescent from puberty to maturity. Prerequisite, Psychology 11 or 12, Education 22a or b, or by permission of the instructor. *Three hours.* Lec. Th F 11; Rec. F 12, 2, S 11. Mrs Rose.

26b. Foundations of Secondary Education. Characteristics of the secondary school pupil; present status, purpose, and organization of secondary schools; curriculum. Prerequisite, 21a or by permission of the instructor. *Three hours.* M T W 2. Mr Clark.

31a. The Child in Modern Society. Place of the young child in society; social and educational agencies concerned with child welfare; mental hygiene of early

- childhood. Directed observations. *Three hours.* Th F 3 and one observation period. Miss Benner.
- 34b. Child Study. Growth, development, and guidance of the young child. Systematic observation and study of preschool children. Prerequisite, 24a, 22a or b, or by permission of the instructor. *Three hours.* Th F 3 with arranged observation period. Miss Benner.
- 35a. Elementary School Child. Growth and development of the child in the elementary school; study of curriculum and modern practices. Prerequisite, 21a, 22a or b, 24a, or by permission of the instructor. Two class hours and observation. *Three hours.* M T W 9. Mr Bragdon.
- 36b. American Education. Evolution of American educational thought and institutions; development of American education related to the growth of the nation. Also for Sophomores who have passed 21a. *Three hours.* M T W 9. Mr Clark.
- 37a. Comparative Education. Influence of national attitudes in education. The educational situation in France, Germany, Italy, Soviet Russia, and the Orient, with special attention to the problems of reconstruction. *Three hours.* M T W 3. Mr Wakeman.
- 38b. Youth and Social Change. Socio-economic changes affecting modern youth; education in a changing society. *Three hours.* M T W 3. Mr Bragdon.
- 39a. Educational Measurements. Study of measures designed to improve instruction and assist pupil adjustment in school. Practice in construction, administration, and interpretation of tests. *Three hours.* Th F 2. Mr Clark.
- [310a. Music Education. Methods and materials of music education in the preschool and primary grades. For majors in child development or by permission of the instructor. *Three hours.* M T 2 and one hour to be arranged. Mrs Scatchard.]
311. Art Education: theory and practice in the elementary school. Prerequisite, Art 13 or by permission. *†Two hours each semester.* Miss Hambidge.
- 41, 41a, 41b. Special Studies. For qualified Seniors by permission of the Department. *†Two or three hours.*
- 42b. Advanced Educational Psychology. Selected problems, reports, and discussion. Prerequisites, 22a or b, one course in psychology, and permission of the instructor. *†Three hours.* Mr Wakeman.
43. Preschool Education. Theory and practice in the modern nursery school and kindergarten. Two class hours and two periods of participation. Required trip. Prerequisites, 34b and permission of the instructor. *Three hours each semester.* Th 4. Miss Wagner, Miss Warner.
- 44b. Seminar in Child Psychology. Selected problems, reports, and discussion. Prerequisites, 24a and permission of the instructor. *†Three hours.* Mrs Rose.
45. Elementary Education. Theory and practice in the elementary school. Two class hours and two periods of participation in elementary schools. Prerequisites, 35a and permission of the instructor. *Three hours each semester.* Th 4. Miss Rees, Miss Stinson.

46. Secondary Education. Methods and practices in secondary schools; an intensive study of the teaching of one of the subjects in the curriculum. Observation and directed practice. Required trip. Prerequisite, 26b or by permission of the instructor. *Three hours each semester.* Th F 3 and one period of observation and practice. Mr Clark, Mr Darby.

[**49b.** Special Disabilities. Theory and practice in diagnostic and remedial techniques, with emphasis on reading. Prerequisite, 39a, Psychology 38a, or by permission of the instructor. Two class hours, one laboratory period. *†Three hours.*]

410b. Experimental Educational Psychology. Prerequisites, 22a or b or 24a and permission of the instructor. One period for discussion and reports, two laboratory periods. *†Three hours.* Mr Wakeman.

French 37a. Teachers' Course.

Music 320. Elementary School Music.

Music 46. Advanced School Music.

Spanish 32a. Teachers' Course.

Speech 48. Teachers' Course.

Graduate Courses

50, 50a, 50b. Research and Thesis. *Three or six hours.*

51, 51a, 51b. Advanced Studies: special problems in education. *†Two hours or more.*

52, 52a, 52b. Problems of American Education. Required of all candidates for the Master's degree in education. *Three hours.* M 4. Mr Wakeman (1st sem.), Mr Bragdon and members of the Department (2d sem.).

53b. Preschool and Parent Education. *†Three hours.* Miss Wagner.

54b. Elementary Education. *Three hours.* T 4. Miss Rees.

55a. Problems in Secondary Education. *Three hours.* T 4. Mr Clark.

[**56b.** Higher Education: history and present status in the United States. *†Three hours.* Mr Wakeman.]

57. Problems in the Education of the Deaf. Historical development of education of the deaf, the physiological and psychological problems of deaf children, and problems of curriculum, with emphasis on language. By permission of the instructor. *†Three hours each semester.* Mr Reiter.

59, 59a, 59b. Practice Teaching under the supervision of members of the Department. For qualified graduate students by permission of the Department. *†One hour or more.* Mr Bragdon (*Director*).

510a. Child Development. *Three hours.* T 4. Miss Wagner and Miss Rees.

Adviser of graduate study: Mr Wakeman.

THE MAJOR

Students majoring in the Department may concentrate (1) in child development as preparation for teaching in nursery and elementary schools, (2) in the history,

philosophy, or psychology of education, or (3) may prepare for graduate work leading to a professional degree.

Advisers: members of the Department.

Based on 21a and Psychology 11 or 12; 22a or b and Social Science 192 or Sociology 26; or 21a and 22a or b.

Essential Courses: eighteen semester hours in education.

Optional Courses: other courses appropriately related and approved by the adviser.

Honors

Director: Mr Bragdon.

Prerequisites: courses listed as bases for the majors.

Program and Examinations: detailed plans of study may be had on consultation with the director.

ENGLISH LANGUAGE AND LITERATURE

PROFESSORS:

HERBERT DAVIS, M.A., LL.D.

HOWARD ROLLIN PATCH, PH.D., LITT.D., *Chairman*

PAUL ROBERT LIEDER, PH.D.

*ROBERT WITHERINGTON, PH.D., OFFICIER DE L'INSTRUCTION PUBLIQUE

ESTHER CLOUDMAN DUNN, PH.D.

MARY ELLEN CHASE, PH.D., LITT.D., L.H.D.

†NEWTON ARVIN, A.B.

†CHARLES JARVIS HILL, PH.D.

SAMUEL ATKINS ELIOT, JR., A.B.

HELEN WHITCOMB RANDALL, PH.D.

ELIZABETH DREW, B.A.

KATHERINE GEE HORNBEAK, PH.D.

ALFRED YOUNG FISHER, DOCTEUR DE L'UNIVERSITÉ DE DIJON

EDNA REES WILLIAMS, PH.D.

ELEANOR TERRY LINCOLN, PH.D.

ROBERT GORHAM DAVIS, A.M.

DANIEL AARON, PH.D.

ASSISTANT PROFESSOR: **ROBESON BAILEY, A.B.

INSTRUCTORS:

GRETCHEN LUDKE FINNEY, M.A.

JOAN GRIFFITHS, A.M.

†NATALIE DELAPLAINE PUTMAN, M.A.

FREDERIC E. PAMP, JR., A.M.

†JANE IRENE ZIELONKO, A.M.

MARIE EDITH BORROFF, A.M.

JOSEPH KEITH LANE, A.M.

ALBERT PIERPONT MADEIRA, A.B.

BENJAMIN LAWRENCE REID, A.B.

The courses which may be taken to fulfill the distribution requirement in Group A are 21, 23, 211.

Students who are planning to major in English and have entered with less than three units of Latin or Greek or a combination of the two, will be required to

take Latin 12a, Greek 11, 12a, or six hours of the classics in translation: Greek 18a, Latin 18b, 28. They are urged to take at least one course each in history and philosophy.

Required Course

11. Freshman English. Practice in expository and critical writing in connection with the study of selected literary forms. *Three hours each semester.* Members of the Department. *Director,* Miss Chase.

A. Language and Literature

- [14a. The Informal Essay. Florio's Montaigne to Goldsmith. *Three hours.* M T W 11. Mr Withington.]

- 14b. The Informal Essay of the Nineteenth Century. *Three hours.* M T W 10. Mr Withington.

21. Major Figures in English Literature. *Three hours each semester.* Lec. M 10; section meetings T W 10, Th F 10. Miss Griffiths assisted by members of the Department.

23. Forms of the Drama. Survey of the principal forms, European and Asiatic, with special attention to the different kinds of theater and to the greatest plays and playwrights from Aeschylus to Hebbel. *Three hours each semester.* W Th F 3. Mr Eliot.

- [25. Literature of the Middle Ages. Characteristic ideas in English and Continental literature. Reading based on translations. *Three hours each semester.* M T W 9. Mr Patch.]

- 28a. Seventeenth-Century Poetry from Donne to Dryden. *Three hours.* Th F S 9. Miss Lincoln.

- [28b. Seventeenth-Century Prose. Essays, allegories, plays, character sketches, from Bacon to Congreve. *Three hours.* Th F S 9. Miss Lincoln.]

211. Literature of the Nineteenth and Twentieth Centuries. *Three hours each semester.* Th F S 10. Miss Randall and Miss Drew.

31. Chaucer. *Three hours each semester.* M T W 10. Mr Patch.

32. The History of the English Language. *Three hours each semester.* Th F S 9. Miss Williams.

34. The Renaissance. Ideas of the period as reflected in its literature (exclusive of the drama). *Three hours each semester.* Th F S 11. Miss Dunn.

- [35a. Drama in England before 1560. Open to Sophomores by permission of the instructor. *Three hours.* M T W 9. Mr Withington.]

- 35b. English Drama from 1560 to 1642. Tudor and Stuart dramatic literature from the accession of Elizabeth to the closing of the theaters. This course includes an examination of Shakespeare's plays in relation to his predecessors, contemporaries, and successors. Open to Sophomores by permission of the instructor. *Three hours.* M T W 9. Mr Withington.

36. Shakespeare. A study of Shakespeare's dramatic development against the background of Elizabethan ideas, social, critical, and theatrical. Not open to

- students who have taken 37 with which this course alternates. *Three hours each semester.* Th F S 12. Miss Dunn.
- [37. Shakespeare. The dramatic and poetic art of Shakespeare. For students majoring in English. Not open to students who have taken 36 with which this course alternates. *Three hours each semester.* M T W 12. Mr Hill.]
38. The King James Version of the Bible. Influence of its content and style on other English literature. For students majoring in English. *Three hours each semester.* M T W 3. Miss Chase.
- 39b. Milton. *Three hours.* W Th F 2. Miss Lincoln.
310. Eighteenth-Century Literature. *Three hours each semester.* M T W 11. Miss Hornbeak.
311. Drama from 1660 to the Present. *Three hours each semester.* Th F S 10. Mr Lieder.
- 312a. Drama in the Last Hundred Years: Russian drama, French drama of 1845-90, Strindberg, German drama of 1890-1925, and Shaw. No plays read in 311 will be read in this course. *Three hours.* Th 4-6 F 4-5. Mr Eliot.
- 312b. Drama in Asia: India, the Indo-Chinese and Malay countries, Tibet, China, and Japan. †*Three hours.* Mr Eliot.
- [314. The English Novel. *Three hours each semester.* M T W 11. Mr Hill.]
- 319b (319). Romanticism. Blake, Wordsworth, Coleridge, Shelley, and Keats. *Three hours.* M T W 11. Miss Randall.
329. American Literature to 1900. *Three hours each semester.* Th F S 9. Mr Aaron.
- 41, 41a, 41b. Special Studies. For qualified Seniors by permission of the Department. †*Two or three hours.*
- 42 (30). Old English. Language and literature of the Anglo-Saxon period, with emphasis on the study of *Beowulf*. †*Three hours each semester.* Miss Williams.
- [43b. Seminar. Wordsworth, Coleridge, and Others. Their poetical and literary theories and innovations; the background both of England and of the Continent, including political and social influences. *Three hours.* Th 3-5. Miss Dunn.]
- 44a. Twentieth-Century British Poetry. *Three hours.* Th F S 9. Miss Drew.
415. Literary Criticism. The historical background of modern problems. For Seniors. *Three hours each semester.* Th F S 9. Mr Lieder.
- [416a. Transcendentalism in American Literature. Emerson, Thoreau, and Whitman. *Three hours.* Th F S 10. Mr Arvin.]
- [416b. American Fiction from 1830 to 1900. Hawthorne, Poe, Melville, and James. *Three hours.* Th F S 10. Mr Arvin.]
- 417b. Twentieth-Century American Literature. For students who have passed or are taking 329 or 416b or have passed 416a. *Three hours.* M T W 9. Mr R. G. Davis.

B. Composition

Only one course in English composition may be taken in any one semester except by permission of the chairman. Second semester courses are open both to students who have and those who have not taken the corresponding course in the first semester.

- [112a, 112b. Composition for Foreign Students. *†Three hours.*]
- 220a, 220b. Practice in Various Forms of Writing. *Three hours.* M T W 11, 2. Mr R. G. Davis.
- 345a. Playwriting. Practice in writing the one-act play. *†Two or three hours.* Mr Eliot.
- 345b. Playwriting. 345a is not a prerequisite, but students who have passed it will write a full-length play. *†Three hours.* Mr Eliot.
- 347a, [347b.] The Techniques of Writing for Publication. First semester, practice in writing fiction; second semester, practice in writing nonfiction. *Three hours.* M T W 10, 2. Mr Bailey.
- 348b. Poetics and Practice in Verse Writing. *Three hours.* Th F S 12. Mr Fisher.
- [428a], 428b. Advanced Composition. For Seniors by permission of the instructor. *†Three hours.* President Davis.
- [429a], 429b. Advanced Playwriting. Prerequisite, 345a or b or the equivalent. *†One hour or more.* Mr Eliot.

C. Graduate Courses

- 50, 50a, 50b. Research and Thesis. *Three or six hours.*
- 51, 51a, 51b. Advanced studies arranged in consultation with the Department. *†One hour or more.*
53. Seminar in Middle English Poetry. Emphasis will be placed on the works of Chaucer, medieval romances, or medieval drama, according to the special needs of the students. Attention will be given not so much to the reading of texts as to problems of research. *†Three hours each semester.* Mr Patch.
- [54a. Early English Drama. *†Three hours.* Mr Withington.]
- 54b. Elizabethan Drama. *†Three hours.* Mr Withington.
55. Shakespeare. Critical problems, textual and literary. Lectures and reports. *†Three hours each semester.* Miss Dunn.
- [57. Studies in Seventeenth-Century Literature.]
58. Studies in Eighteenth-Century Literature. *†Three hours each semester.* President Davis and Miss Hornbeak.
- 59a, 59b. Studies in Nineteenth-Century Poetry. *†Three hours.* Mr Lieder.
- [510. Studies in Prose Fiction. *Three hours each semester.* Miss Muchnic.]
- 512a, [512b]. Studies in American Literature. *†Three hours.* Mr Aaron.
- Adviser of graduate study: Miss Williams.

THE MAJOR

- Advisers: Mr Patch, Mr Lieder, Mr Withington, Miss Dunn, Miss Chase, Mr Arvin, Mr Hill, Miss Hornbeak, Mr Fisher, Miss Williams, Mr R. G. Davis.
 Based on six semester hours from Division A or General Literature 291.
 Essential Courses: twenty-four semester hours from Division A, including at least one of the following: 31, 32, 42, or a course in Greek language and literature.
 Optional Courses: six semester hours in Divisions A or B or, with the consent of the adviser, in a foreign literature or other closely allied field.

In consultation with her adviser every student should arrange the program of her three upper years so as to allow for a reasonable distribution in different periods of literature.

Honors

Director: Miss Lincoln.

Prerequisites: see the requirements for entrance to the major.

Program: students must fulfill the general requirements of the major. The units offered by the Department carry six hours of credit in each semester, and cover the fields of literary history, major figures, the primary types, and literary theory and criticism. Candidates must take at least one unit in each semester of Junior and Senior years, and are expected to take at least one unit or course in each of the four fields.

In first semester of Senior year Honors students will present a long paper to count for six hours credit, but not within the essential twenty-four semester hours outlined in the major.

Each student must correlate a small and carefully circumscribed area of her work in English with at least three hours in units or courses in a closely related field, e.g. history, philosophy, religion, classics, modern languages, the theater, art, and music; or with work in linguistics and composition in the Department.

Examinations: two examinations will be general, the third will test the candidate's work in her chosen program of correlation.

A fuller statement of the Honors program may be obtained from the director or the advisers of the major.

FRENCH LANGUAGE AND LITERATURE

PROFESSORS:	VINCENT GUILLOTON, AGRÉGÉ DE L'UNIVERSITÉ †HÉLÈNE CATTANÈS, DOCTEUR DE L'UNIVERSITÉ DE PARIS
ASSOCIATE PROFESSORS:	RENÉ GUIET, DOCTEUR DE L'UNIVERSITÉ DE PARIS, <i>Chairman</i> YVONNE IMBAULT-HUART, BI-ADMISSIBILITÉ À L'AGRÉATION, O.A.
	LOUISE MARIE BOURGOIN, LIC. ÈS L., O.A. MADELEINE GUILLOTON, A.M., LIC. ÈS L.
	¶MARTHE STURM, LIC. ÈS L., DIPLÔME D'ÉTUDES SUPÉRIEURES MARGARET HILL PEOPLES, PH.D.
	MARINE LELAND, PH.D. A. JEANNE SALEIL, AGRÉGÉE DE L'UNIVERSITÉ
ASSISTANT PROFESSORS:	JEANNE SEIGNEUR GUIET, A.M. ANNE GASOOL, A.M.
INSTRUCTORS:	RUTH TEMPLETON MURDOCH, A.M., CERT. D'APTITUDE À L'ENSEIGNEMENT DU FRANÇAIS À L'ÉTRANGER †ALICE LOUISE BENJAMIN, A.M. EDITH SEBESTYEN ROSTAS, M.S. RENÉE CARACCIO, AGRÉGÉE DES LETTRES MARIE-SIMONE CASSIGNEUL, LIC. EN DROIT, DIPLÔME DES SCIENCES POLITIQUES

The courses which may be taken to fulfill the distribution requirement in Group A are 26, 28. However, if a student is considering a major in the Department 28 is not advised.

All classes in the Department except 28 and 312a are conducted in French. Students who need assistance in French pronunciation will be urged to take 24a or b as early in the college course as possible.

Freshmen who plan to major in French or who hope to spend the Junior year in Paris or in Geneva are advised to take 13 or 22.

Students planning to major in French, who have entered with only two units of an inflected language, will be required to take Latin 12a, Greek 12a, or six hours of the classics in translation: Greek 18a, Latin 18b, 28. It is recommended that they have a reading knowledge of a second language (ancient or modern), and that they take a general course in English literature and one in European history.

A. Language

[11. Elementary Course, first part. Five class hours. *Three hours each semester.* M T W Th F 9. Members of the Department.]

11D. Elementary Course, first and second parts. *Six hours each semester.* M T W Th F 10 or 12 and one daggered hour. Members of the Department.

12. Elementary Course, second part. Prerequisite, two units in French or 11. *Three hours each semester.* M T W 10, 12; Th F S 11, 12. Members of the Department.

13. Reading, Grammar, and Composition. Prerequisite, three units in French, 12, or 11D. *Three hours each semester.* M T W 9, 10, 12; Th F S 9, 10, 11. Members of the Department.

22. Intermediate Course. Reading and discussion of modern texts. Written and oral reports. Prerequisite, four units in French or 13; by permission, 11D, 12, or three units. *Three hours each semester.* M T W 10, 11; Th F S 9, 10. Members of the Department.

[24a. Theoretical and Practical Phonetics. Exercises in hearing, pronunciation, and phonetic dictation. Two class hours. *One hour.* Th F 4. Miss Sturm.]

[24b. A repetition of 24a.]

[31a], 31b. Advanced Course in Grammar and Composition. Recommended to those who intend to teach French. Prerequisite, 22 (or the equivalent by permission of the instructor). 31a is not required for 31b. *Three hours.* M T W 10.

[34b. Advanced and Experimental Phonetics. Prerequisite, 24a or by permission of the instructor. *Two hours.* Miss Sturm.]

[37a. Teachers' Course. Discussion of problems of modern language teaching. May be counted toward a major in education. *Three hours.* Miss Cattanès.]

B. Literature

Unless otherwise stated the prerequisite for courses of Grade III is 26 or permission of the instructor.

16. Introduction to French Literature. Choice of representative texts; literary, historical, and cultural background. Prerequisite, three units in French, 12, or 11D. *Three hours each semester.* M T W 9, 10, 11, 12; Th F S 9, 10, 11, 12. Members of the Department. (L)

26. French Literature of the Seventeenth Century. Prerequisite, four units in French, 13, 16, or by permission. *Three hours each semester.* M T W 9, 10, 11, 12; Th F S 9, 10, 11, 12. Members of the Department. (L)
- [28. Survey of French Literature from 1600 to 1900, conducted in English. Prerequisite, 13, 16, or four units in French. Not open to students who plan to major in French. *Three hours each semester.* Th F S 10. Miss Leland.]
- 310b. Life and Works of Molière. To alternate with 321b. *†Three hours.* Miss Leland.
- 311a. French Literature in the First Part of the Nineteenth Century. *Three hours.* M T W 9, Th F S 9. Mr Guilloton, Miss Imbault-Huart.
- 311b. French Literature in the Latter Part of the Nineteenth Century. Prerequisite, 311a or by permission of the instructor. *Three hours.* M T W 9, Th F S 9. Mr Guilloton, Miss Imbault-Huart.
- 312a. French-Canadian Civilization from 1763 to the present. Conducted in English. *Three hours.* W Th F 2. Miss Leland.
- 313b. French Literature in the Eighteenth Century. *Three hours.* Th F S 10. Mr Guiet.
- [316a. French Literature to the End of the Renaissance. *Three hours.* Th F S 10. Mr Guiet.]
- 318a (318b). Contemporary French Drama. Prerequisite, 311a and b or by permission of the instructor. *Three hours.* Th F S 9. Mrs Guilloton.
- 318b (318a). Contemporary French Novel. Prerequisite, 311a and b or by permission of the instructor. *Three hours.* Th F S 9. Miss Saleil.
- [321b. Life and Works of Racine. To alternate with 310b. *†Three hours.* Mr Guilloton.]
- 323a. French Civilization. Physical environment of France, the French people, survival of characteristics in the provinces, institutions of modern France, French colonies. For students who have passed or are taking 311a or by permission of the instructor. *Three hours.* Th F S 11. Miss Imbault-Huart.
- 41, 41a, 41b. Special studies in French language or literature. For qualified Seniors by permission of the Department. *†Two or three hours.*
- [42b. Advanced Stylistics and Composition. *†Three hours.* Mr Guilloton.]

Graduate Courses

- 50, 50a, 50b. Research and Thesis. *Three or six hours.*
- 51, 51a, 51b. Advanced studies arranged in consultation with the Department. *†One hour or more.*
- [52. Old French Linguistics. First semester, phonology; *Chanson de Roland*. Second semester, morphology; *Aucassin et Nicolette*, *Yvain*, *Lais* (*Marie de France*). Graduate students may, with permission of the instructor, enter the course in second semester. *†Three hours each semester.*]
- [53. Problems of Modern Syntax. *†Two hours each semester.* Miss Cattanès.]
- 55a. Studies in Old French Literature. *†Three hours.* Miss Leland.

- 56a. Development of Literary Criticism in France. *†Three hours.* Mr Guilloton.
 56b. Literary Relations between England and France in the Eighteenth Century.
†Three hours. Mr Guilloton.
- [57a. History of Modern French Thought from the Renaissance to the present.
†Three hours. Miss Sturm.]
- 58b. Montaigne. *†One hour or more.* Mr Guiet.
 59a. Victor Hugo. *†Three hours.* Miss Peoples.
 59b. Rousseau. *†Three hours.* Miss Peoples.
 510b. French Poetry from 1885 to the present. *†Three hours.* Mrs Guilloton.
 Adviser of graduate study: Miss Peoples.

THE MAJOR

Adviser: Miss Peoples.

Based on 13 or 16.

Essential Courses: 22, 31a or b, 26, 311a and b, 313b or 316a, 323a.

Optional Courses: any language or literature course in French above Grade II except 312a.

A student may substitute for one course in the major subject a closely related course in language or literature (ancient or modern), or in art, history, or philosophy.

Honors

Director: Miss Peoples.

Prerequisite: 26.

Program:

Requirements: the general requirements for the major; a unit involving the writing of a paper; a review unit.

Optionals: with the approval of the director any unit or course in French or in an allied field of Grade III or IV or, for Seniors, Grade V.

Examinations: of the three examinations, the two on literature will be written in English. One general examination on the whole field of French literature; one specialized examination on a limited period (sixteenth, seventeenth, eighteenth, or nineteenth century, or the modern field); one on language with translation from English to French, from French to English, and a short composition in French.

GEOLOGY AND GEOGRAPHY

PROFESSOR: HOWARD AUGUSTUS MEYERHOFF, PH.D.

ASSOCIATE PROFESSORS: ROBERT FRANK COLLINS, A.M.

CAROLINE HEMINWAY KIERSTEAD, PH.D., *Chairman*

**BENJAMIN MARTIN SHAUB, PH.D.

ASSISTANT PROFESSORS: HELEN STOBBE, PH.D.

MARSHALL SCHALK, PH.D.

ELIZABETH WARREN OLNSTED, A.M.

TEACHING FELLOWS: RACHEL MARION BARKER, A.B.

CLEONE MILLER ROTAN, A.B.

The courses which may be taken to fulfill the distribution requirement in Group F are 11, 13, 26, Physical Science 194.

Students planning to major or to do Honors work in geology or geography are advised to take at least one of the following: chemistry, physics, or zoology.

11. General Geology. Forces of nature now modifying the materials and structure of the earth; history of the earth. Field trips. Two lectures and one hour of discussion following two hours of laboratory. *Three hours each semester.* Lec. Th F 10; Lab. and discussion M 10-1, M, T, Th, F 2-5. Mr Collins, Mr Schalk.
13. North America. Nature and origin of the continent's physical features and natural resources; their part in colonization and industrial expansion. *Three hours each semester.* M T W 9. Miss Olmsted.
- 21a, 21b. Introductory Meteorology. The weather elements; their observation; air mass analysis; short-term and aeronautical forecasting; climatology. Prerequisite for 21b, 21a. Two lectures and one demonstration. *Three hours.* Th F S 9. Mr Schalk.
- 22a. Advanced Physical Geology. Detailed examination of the dynamic geographic agents and their effects. Prerequisite, 11. *Three hours.* Lec. T W 11; Lab. W 2-4 and one hour to be arranged. Mr Schalk.
- 22b. Elementary Structural Geology. Origin and surface expression of the structural elements of the earth's crust. Prerequisite, 11. *Three hours.* Lec. M T 11; Lab. M 2-4 W 11. Miss Olmsted.
- 23a, 23b. Paleontology. Morphology, classification and geological significance of fossil invertebrates. Prerequisite, 11 or elementary zoology; 23a is not required for 23b. Two lectures and two and one-half hours of laboratory. *Three hours.* Lec. T W 12; Lab. M 3-5. Mrs Kierstead.
- 24a. Mineralogy. General principles; study of the more important rock-forming and economic minerals. For students who have passed or are taking 11, Chemistry 11 or 12, or Physics 11. Lecture and recitation, two hours; laboratory, two and one-half hours. *Three hours.* Lec. and rec. Th F 9; Lab. F 2. Mr Shaub.
- 25b. Lithology. Interrelation of the main rock types; their origin, structure, mineral composition, occurrence, and economic importance. Field methods of identification. Prerequisites, 11 and 24a. Lecture and recitation, two hours; laboratory, two and one-half hours. *Three hours.* Lec. and rec. Th F 9; Lab. F 2. Miss Stobbe.
26. Economic Aspects of Geography. Natural resources of the world in relation to climatic, physiographic, and geologic setting; geographic factors in the development of the world's great trade routes. *Three hours each semester.* M T W 11. Mr Meyerhoff.
- 28a. Principles of surveying, cartographic drafting, editing, reproduction. Practice in map reading, compilation and simple map drafting. Lecture, two hours; laboratory, three hours. *Three hours.* Lec. Th F 12; Lab. W 2-4 and one hour to be arranged. Mr Collins.
- 29b. Geologic and Geographic Illustration. Charts, graphs, block diagrams, sections. Drawing for reproduction. Two lectures and three hours of laboratory. *Three hours.* Lec. Th F 12; Lab. W 2-4 and one hour to be arranged. Mr Collins.

- 211a (27a). Gems and Precious Stones: their properties, origin, and occurrence; their recovery, processing, and marketing; their history. *Three hours.* Th F S 11. Mr Shaub.
- [212b (27b). Gems and Precious Stones: laboratory identification of natural, synthetic, and artificial gems; cutting and processing semiprecious stones. Prerequisite, 27a. [†]*One hour.* Mr Shaub.]
- 31a. Geography of Asia. Influence of relief, climate, and natural resources on the life, movements, and history of its peoples. *Three hours.* M T W 10. Mr Meyerhoff.
- 31b. Europe and North Africa. Geographic backgrounds of current problems. *Three hours.* M T W 10. Mr Meyerhoff.
- 32b. South America. Geography of the continent; climatic and physiographic backgrounds of cultural, political, and economic development. *Three hours.* M T W 12. Mr Meyerhoff.
- 33a, 33b. Physiography of the United States. Geologic origin and development of the country's natural regions. Prerequisite, 11; 33a is not required for 33b. *Three hours.* M T W 9. Mr Meyerhoff.
- 34a, 34b. Economic Geology. Lectures and laboratory study of geological products of commercial value. Prerequisites, 11 and Chemistry 11, or Geology 24a. [§]*Three hours.* Lec. Th F 12. Miss Stobbe.
- [35a], 35b. Historical Geology. Evolution of modern life and its relation to Cenozoic environment. Prerequisite for 35a, 11; for 35b, 35a. *Three hours.* M T W 10. Mr Collins.
- 36a, 36b. Field Geology. Methods; theory and use of Brunton, alidade, and other mapping instruments; topographic and geologic surveying; applied structural geology. Prerequisite for 36a, 11; for 36b, 36a. *Three hours.* T Th 2-6. Mrs Kierstead.
- 37b. Stratigraphy. Geological systems and subdivisions; their invertebrate fossil content and lithologic characteristics. A field trip of one or more days. Prerequisite, 23a or b. [†]*Three hours.* Mrs Kierstead.
- 38a. Optical Mineralogy. Optical properties and identification of minerals in fragments and thin sections. Prerequisite, 25b. [†]*Three hours.* Mr Shaub.
- 39b (38b). Petrography. Identification and classification of rocks with the polarizing microscope. Prerequisite, 38a. [†]*Three hours.* Miss Stobbe.
- 41, 41a, 41b. Special studies in geology or geography. For qualified Seniors by permission of the Department. [†]*Two or three hours.*
42. Seminar in Geology, based on three semester hours in each of the following: paleontology, mineralogy, and physical geology or physiography. For Seniors majoring in geology, for others by permission of the director. *Three hours each semester.* M 2-5. Members of the Department. Director, Mr Collins.
43. Seminar in Geography. For Seniors majoring in geography, for others by permission of the director. *Three hours each semester.* T 2-5. Members of the Department. Director, Miss Stobbe.
- 50, 50a, 50b. Research and Thesis. *Three or six hours.*

- 51, 51a, 51b. Individual problems in geology or geography. *†Two hours or more.*
- 52, 52a, 52b. Paleontology or Stratigraphy. *†Two hours or more.* Mrs Kierstead.
- 53, 53a, 53b. Physiography or Structural Geology. *†Two hours or more.* Mr Meyerhoff, Miss Olmsted.
- 54, 54a, 54b. Comparative Anatomy, Adaptive Radiation, and Taxonomy of Cenozoic Mammals. Prerequisite, Zoology 22 or the equivalent. *†Three hours or more.* Mr Collins.
- [55], 55a, [55b]. Crystallography, Mineralogy, Petrology, or Gemology. *†Three hours.* Mr Shaub.
- 56, 56a, 56b. Micropaleontology. Foraminifera and their classification; methods of laboratory technique; individual problems on the identification of foraminifera from important stratigraphic horizons. Also for Seniors by permission. Lecture, two hours; laboratory, four hours or more. *†Three hours or more.* Mrs Kierstead.
- 57, 57a, 57b. Cartography. Problems in the methods and technique of map making and physiographic illustration; conferences on the history of maps. *†One hour or more.* Mr Collins.

Adviser of graduate study: Mrs Kierstead.

THE MAJORS

In addition to the essential courses listed below, each student is expected to take a three-day field trip, conducted by members of the Department, to an area of outstanding geologic interest. Approximate cost, \$25.

A. Geology

Adviser: Mrs Kierstead.

Based on 11.

Essential Courses: 36a and b or the equivalent *and* 42.

Optional Courses: other courses in geology; courses in other sciences to be selected subject to the approval of the adviser.

B. Geography

Adviser: Mrs Kierstead.

Based on 11, 13, 21a, or 26.

Essential Courses: 11 if not already taken; 43 and six hours above Grade II in the Department.

Optional Courses: other courses in geology; courses in other sciences, history, and economics to be selected subject to the approval of the adviser.

Honors

Director: Mrs Kierstead.

Two programs are offered: A affords maximum choice of courses for the general geology student; B provides the best course selections in anticipation of graduate study.

Prerequisites and Program: for A—11; 22a and b, 23a and b, 24a, 25b, 36a and b, 42, and eighteen additional hours in geology. All Grade II courses must be completed before the end of Junior year.

For B—11; six semester hours chosen from 22a and b, 23a and b, or 24a and 25b; one year of college chemistry, physics, or zoology. In Junior year any Grade II courses listed that have not been taken, and a year of work in chemistry, physics, or zoology chosen in consultation with the director. Before graduation the candidate will take 36a and b, 42, and six semester hours in each of the following fields: petrography and economic geology, paleontology and historical geology, structure and physiography.

Examinations: two will be in the general field of the major; a third may be in a field of concentration.

GERMANIC LANGUAGES AND LITERATURES

PROFESSOR: PAUL GERALD GRAHAM, PH.D., *Chairman*

ASSOCIATE PROFESSORS: ANN ELIZABETH MENSEL, M.A.

†MARIE SCHNIEDERS, PH.D.

WOLFGANG PAULSEN, PH.D.

ASSISTANT PROFESSOR: ANITA LURIA ASCHER, PH.D.

INSTRUCTOR: HELENE SOMMERFELD, A.M.

The courses which may be taken to fulfill the distribution requirement in Group A are 25a, 25b, 26.

Students who possess a thorough knowledge of German considerably in excess of what they need to offer for admission, or of what their preparatory school work indicates, may be assigned to more advanced classes. They should consult the chairman of the Department.

Students planning to major in German should carry work in German both years and should have some knowledge of German history. At least one course in philosophy is also recommended.

Those who need a knowledge of German for use in the sciences will be given appropriate reading in the various German courses.

A. German Language

11. Elementary Course. Five class hours. *Three hours each semester.* M T W Th F 10, 11, 12. Miss Ascher (*Director*) and members of the Department.

11D. Elementary Course, covering the work of two years. Seven class hours. *Six hours each semester.* M T W Th F 9, 11, 12 and two daggered hours. Miss Ascher (*Director*) and members of the Department.

12. Intermediate Course. Prerequisite, two units in German or 11. *Three hours each semester.* Th F S 11. Miss Ascher.

21. Composition and Conversation. Prerequisite, three units in German, 11D, 12, or the equivalent. *Three hours each semester.* M T W 9. Mrs Sommerfeld.

B. German Literature

Unless otherwise stated the prerequisite for courses of Grade III is a Grade II course or the equivalent.

25a, 25b. Modern Prose. The *Novelle* of the nineteenth and twentieth centuries. Prerequisite, three units in German, 11D, 12, or the equivalent. *Three hours.* Th F S 11. Mr Paulsen. (L)

26. An Introduction to the Classical Literature of the Eighteenth Century. Selections from the works of Lessing, Goethe, and Schiller. Prerequisite, three units in German, 11D, 12, or the equivalent. *Three hours each semester.* M T W 10, Th F S 10. Mr Graham. (L)

[**34a, 34b.** German Literature of the Nineteenth Century, beginning with the romantic movement. *Three hours.* Th F S 9. Mr Graham.]

35a. An Historical Survey of German Literature from the earliest times to the middle of the eighteenth century. *†Three hours.* Mr Paulsen.

38b. Masters of Modern German Literature. Selected works of representative writers since 1890. *Three hours.* M T W 12. Mr Paulsen.

311a. Goethe: his life and works. *Three hours.* Th F S 10. Mr Paulsen.

311b. Goethe's *Faust*, Parts I and II. Prerequisite, 26, 311a, or the equivalent. *Three hours.* Th F S 10. Mr Paulsen.

41, 41a, 41b. Special studies arranged in consultation with the Department. For qualified Seniors by permission of the Department. *†Two or three hours.*

C. Scandinavian

[**313.** Modern Norwegian: readings from Ibsen, Bjørnson, Lie, Undset, Hamsun, etc. Miss Schnieders.]

D. Germanic Philology

[**42.** Historical Survey of the German Language. Miss Schnieders.]

[**43.** Old Norse. Miss Schnieders.]

E. Graduate Courses

50, 50a, 50b. Research and Thesis. *Three or six hours.*

51, 51a, 51b. Special studies in the fields of literature and linguistics arranged in consultation with the Department. *†One hour or more.*

[**52.** Middle High German. *†Two hours each semester.* Miss Schnieders.]

[**53.** Gothic. Open also to students of the English Department. *†Two hours each semester.* Miss Schnieders.]

56. Classical Literature. Lessing, Schiller, Goethe. Hours and credit arranged individually.

57. The Nineteenth Century. The novel, drama, or lyrics. Hours and credit arranged individually.

Adviser of graduate study: Mr Paulsen.

THE MAJOR

Advisers: Mr Graham.

Based on 11D or 12.

Essential Courses: 21, 35a, and fifteen semester hours of other German courses above Grade II.

Optional Courses: courses in German above Grade I.

A student may substitute for one course in the major subject a closely related course in a foreign literature, history, or philosophy.

Honors

Director: Mr Paulsen.

Prerequisites: 21, 26, or the equivalent.

Program: a minimum of forty-eight semester hours.

Requirements: a minimum of twenty-four semester hours in the Department; twelve semester hours in related fields; three or six semester hours in first semester of Senior year on the preparation of a paper; three hours in second semester on directed reading.

Examinations: an examination on the general field; one on a specialized field; and an analytical examination which may include such topics as problems of analysis, criticism and style, translation from German into English and from English into German, a composition in German.

Units

The Department will offer units in the fields of linguistics, literature, and language for Honors students in German or for Honors students in other departments who have had a Grade II course in German. In addition units conducted in English will be offered for Honors students in other departments who have had no German.

GOVERNMENT

PROFESSOR: ALICE M. HOLDEN, PH.D., *Chairman*

ASSOCIATE PROFESSORS: JOHN CALYER RANNEY, PH.D.

†GWENDOLEN MARGARET CARTER, PH.D.

ASSISTANT PROFESSOR: JACK WALTER PELTASON, PH.D.

LECTURER: DANIEL AARON, PH.D.

VISITING LECTURER: ²VICTORIA SCHUCK, PH.D.

INSTRUCTORS: RUTH ELYACHAR, M.A.

CECELIA MARIE KENYON, A.M.

TEACHING FELLOW: ELIZABETH CECELIA STADULIS, A.B.

The courses which may be taken to fulfill the distribution requirement in Group E are 11, 21, 31, 37, 323, Social Science 192.

For students planning to major or to do Honors work in the Department 21, History 11, Economics 21, and Sociology 26 are suggested. See also the Honors program.

11. Introduction to Politics. Leading problems, principles, and concepts in political science. For Freshmen and Sophomores only; not open to students who have taken Social Science 192. Two lectures and one recitation. *Three hours each semester.* Lec. M T 12. Rec. T 3; W 9, 11, 12; Th 11, 12; F 2. Mr Ranney and members of the Department.

11a. The first semester of 11 for Sophomores who have passed Social Science 192. Hours and instructors as in 11.

21. American Government. A survey of American government—national, state, and local. *Three hours each semester.* Lec. M T 10; Rec. W 10, Th 11. Mr Peltason.

31. Comparative Government. Ideas and institutions of democratic and totalitarian governments, with special attention to England, Germany, France, and

- Russia in comparison with the United States. Prerequisite, 11, History 11, or by permission of the instructor. *Three hours each semester.* M T W 9. Mr Ranney.
- [32b. The British Commonwealth of Nations. Its development and organization, and a study of political ideas and institutions in Canada, Australia, New Zealand, South Africa, Eire, and India. Prerequisite, 11, History 11, or by permission of the instructor. *Three hours.* Th F S 10. Miss Carter.]
- 33b. American Constitutional Law. Powers of the national government and fundamental rights of citizens as interpreted by decisions of the Supreme Court. Prerequisite, 21 or by permission of the instructor. *Three hours.* M T W 2. Mr Peltason.
- 34a. American Politics: Political Parties. Their techniques and their place in the American system. *Three hours.* M T W 3. Mr Peltason.
- [34b. American Politics: Pressure Groups. A study of their role in American politics and their effect on the theory and practice of "government by public opinion." *Three hours.* M T W 3.]
- [35a. International Law. *Three hours.* Th F S 10. Miss Holden.]
- [36a. Public Administration: Administrative Organization. Role of an expert civil service, techniques of administrative action and responsibility. Case studies in budgetary procedures and in the relation of government to the economy. *Three hours.* Th F S 9.]
- 36b. Public Administration. A survey of the basic problems of personnel, organization, finance, administrative discretion and responsibility, and administrative controls over economic life. *Three hours.* M T W 11. Miss Schuck.
37. International Relations. History and practice of international relations and the development of international organization. Open, by permission of the instructor, to Sophomores who have taken 11. *Three hours each semester.* W Th F 2. Miss Holden.
- 322b (39a). American Diplomacy. A study of the foreign policy of the United States. Prerequisite, 37 or a course in American history, or by permission of the instructor. *Three hours.* Th F S 12. Miss Bornholdt.
323. History of Political Thought from Plato to the present, with attention to Greek political philosophy, the Stoics, medieval theory, rise of the nation-state, and approaches to an international world order. Designed to provide a foundation for the understanding of current political problems. *Three hours each semester.* Th F S 11. Miss Kenyon.
- 324a (324b). American Political Thought from the Seventeenth Century to the Present. *Three hours.* Th F S 10. Mr Aaron.
- 41, 41a, 41b. Special studies in advanced work arranged for individuals or small groups. For qualified Seniors by permission of the Department. [†]*Two or three hours.*
- 42b. Seminar in Contemporary Political Thought. Modern political theories and current conceptions of sovereignty, liberty, equality, law, and the bases of a world order. By permission of the instructor. [†]*Three hours.* Miss Kenyon.

43b. Seminar in International Organization. The evolution of modern international government; the United Nations organization and allied bodies. By permission of the instructor. *†Three hours.* Miss Holden.

44a. Seminar in American Government. *†Three hours.* Mr Peltason.

45a. Seminar in Comparative Institutions. Special studies in foreign political institutions: political parties, instruments for the expression and control of public opinion, electoral systems, parliaments, cabinets, and planning and administrative agencies. Prerequisites, 31 and permission of the instructor. *†Three hours.* Mr Ranney.

47b. Interdepartmental Seminar in Economics, Government, and Sociology: for 1948-49, Common Problems of the Social Sciences: comparison of postulates and techniques. By permission of the director, Mr Orton. *†Three hours.* Miss Bryson, Miss Kenyon.

50, 50a, 50b. Research and Thesis. *Three or six hours.*

55a, 55b. Seminar. *†Three hours.* Miss Holden, Mr Ranney.

Adviser of graduate study: Miss Holden.

THE MAJOR

Advisers: Miss Holden, Mr Ranney.

Based on 11 or Social Science 192 and Government 11a.

Essential Courses: eighteen semester hours in government including 323.

Optional Courses: twelve semester hours selected from government, history, or economics, or, with the approval of the adviser, from sociology or philosophy.

Majors and Honors students, approved by the Department and the appropriate committee, may spend the Junior year in Geneva or at the University of Toronto. Special requirements in French must be met by those applying to go to Geneva.

Honors

Director: Miss Holden.

Prerequisites: 11 and at least one introductory course in history, economics, or sociology; or Social Science 192 and at least one introductory course in history.

Program:

Minimum requirement: in Junior year, a unit in the history of political theory, directed reading (three semester hours in second semester); in Senior year, a unit, long paper, and directed reading (normally six semester hours in second semester).

A full Honors program is recommended.

The work must be taken in a special field consisting of specified subjects, (1) American government, (2) comparative institutions, (3) international affairs, or (4) political theory.

Long paper: in most cases to count for six semester hours, but exceptionally for three.

Examinations: one comprehensive paper in political science and theory; one in the special field; one in a specific subject.

Units

Political Theory. *First semester,* Miss Kenyon.

Comparative Government. *Second semester,* Mr Ranney.

International Law. *First semester,* Miss Holden.

Studies in the American Democratic Tradition. *Second semester,* Mr Aaron.

HISTORY

PROFESSORS:

SIDNEY R. PACKARD, PH.D., *Chairman*
 **HAROLD UNDERWOOD FAULKNER, PH.D., L.H.D.
 VERA BROWN HOLMES, PH.D.
 HANS KOHN, DR. JUR.
 **LEONA CHRISTINE GABEL, PH.D.

ASSOCIATE PROFESSORS:

Jean STRACHAN WILSON, PH.D.

§ELISABETH KOFFKA, PH.D.

ASSISTANT PROFESSORS:

WHITNEY ROGERS CROSS, PH.D.

LAURA ANNA BORNHOLDT, PH.D.

JANE ELEANOR RUBY, M.A.

VISITING LECTURER:

PETER VIERECK, PH.D.

INSTRUCTORS:

ROBERT HUGO BASS, A.M.

¹SABINE J. BASS, A.M.

LEONORE MARIA ROON, M.A.

ASSISTANT:

Alice EATON McBEE, 2D, A.M.

TEACHING FELLOWS:

RITA KATHLEEN HARRIGAN, A.B.

MARGARET MELICENT A. R. VINCE, B.A.

BARBARA DIANTHA HOBSON, A.B.

The prerequisite for all other courses in the Department is 11, 12, or 13.

The distribution requirement in Group D may be met by any one of these courses. Qualified students who may wish to fulfill this requirement by taking courses of Grade II should consult the chairman of the Department.

11. General European History. A survey of the history of Europe from the decline of the Roman Empire to the present. One lecture and two recitations. *Three hours each semester.* Lec. M 2. Rec. T W 10, 11, 12, 2; Th F 9, 10, 11, 12. Members of the Department. *Director,* Miss Ruby.
12. The Ancient World. The history of Mediterranean civilizations to the fall of the Roman Empire. Two lectures and one recitation. *Three hours each semester.* Lec. M T 10; Rec. T 4, W 10, 12, 3. Mr Scramuzza and members of other departments.
13. History of the Western Hemisphere. A study of the Americas from the age of discovery to the present: the European heritage, the growth of colonial societies, imperial rivalries, the development of a variety of cultural patterns, and the evolution of the United States, Canada, and the Latin-American nations in their world setting in the nineteenth and twentieth centuries. *Three hours each semester.* Th 9, 10, or 12 and F S 9. Mrs Holmes with the co-operation of Mr Faulkner, Mr Cross, Miss Bornholdt, and others.
- 24a. Early English History to 1603. *Three hours.* M T W 11. Mr Packard.
- 24b. English History since 1603. *Three hours.* M T W 11. Miss Wilson.
- 28a (28). History of the United States. A survey of the life of the American people from the period of discovery to the present, emphasizing cultural and economic as well as political factors in the development of the nation. For foreign students and for others who have had no American history. *Three hours.* Th F S 10. Mr Cross.

- [29. American Economic History, with special emphasis upon the westward movement. Economic development of the United States and its influence upon political history. *Three hours each semester.* M T W 10. Mr Faulkner.]
- [32a. The Ancient Near East. Civilization in Egypt, Mesopotamia, Asia Minor, Syria, Palestine, and Persia. Open to Sophomores by permission of the instructor. *Three hours.* M T W 9. Mr Scramuzza.]
- [32b. The Struggle for Democracy and Liberty in Ancient Greece and Rome. Open to Sophomores by permission of the instructor. *Three hours.* M T W 9. Mr Scramuzza.]
- 33a. History of Greece in the Age of Pericles. The emphasis is on social and intellectual history, with an epilogue on the Hellenistic period. Open to Sophomores by permission of the instructor. *Three hours.* M T W 9. Mr Scramuzza.
- 33b. The Roman Empire. Chiefly a social and political study. Open to Sophomores by permission of the instructor. *Three hours.* M T W 9. Mr Scramuzza.
- 34b (35a). Economic and Social History of Europe in the Middle Ages. Prerequisite, 11, 24a, or 35b. *Three hours.* M T W 10. Mr Packard.
- [35b. Cultural History of Europe in the Middle Ages. Prerequisite, 11 or 34b. *Three hours.* M T W 10. Mr Packard.]
- 36a (36). Age of the Renaissance. A study of the transition from medieval to modern times. *Three hours.* Th F S 9. Miss Gabel.
- [38a. Intellectual History of Europe in the Eighteenth Century: main trends of thought in the fields of philosophy, history, theology, and social relations. *Three hours.* M T W 11. Mrs Koffka.]
39. Modern European History. Political, social, and cultural movements from 1815 to the present. *Three hours each semester.* M T W 12. Mr Kohn.
- 310a. Modern Britain. Political, social, and intellectual Britain in the nineteenth and twentieth centuries. *Three hours.* M T W 11. Miss Wilson.
- 315b. Intellectual History of Continental Europe, 1830-1930. The history of ideas as expressed in political and social thought and in literature in France, Germany, and Russia. For Seniors; for Juniors by permission of the instructor. *Three hours.* M T W 11. Mr Kohn.
- [316b (316a). Modern Imperialism: conflicts in the Mediterranean area, with special emphasis on the Balkans and the Near East. *Three hours.* Th F S 10.]
- 317a. History of Russia from the Kievan period to the present. *Three hours.* Th F S 10. Mr Viereck and Mr Bass.
- [317b. The Far East in Modern Times. A survey of political, economic, and diplomatic developments, with emphasis on China and Japan. *Three hours.* Th F S 10.]
- 320a. History of the United States in Recent Times. Effects of social and technological changes on the economic problems of the American people, their political interests and party organizations, cultural development, and relations with the rest of the world. *Three hours.* M T W 11. Mr Faulkner.
- 321a, 321b. Intellectual History of the United States. Cultural interests and achievements of the American people and their leaders in relation to social and economic environment. *Three hours.* Th F S 11. Mr Cross.

- 322b. History of the Foreign Policy of the United States. Prerequisite, Government 37 or a course in American history, or by permission of the instructor. *Three hours.* Th F S 12. Miss Bornholdt.
- 325a. Latin-American History. A study of the Latin-American states from their independence to the close of the nineteenth century. Open to Sophomores by permission. *Three hours each semester.* Th F S 11. Mrs Holmes.
- 325b. Latin-American History. Political and social developments since 1900. Open to Sophomores by permission. *Three hours.* Th F S 11. Mrs Holmes.
- 41, 41a, 41b. Special Studies. For qualified Seniors by permission of the Department. *†Two or three hours.*

Undergraduate Seminars

These courses are limited to ten students and are open with the permission of the instructors to Seniors, and to Juniors who have completed a second course in history. They will ordinarily meet each week for two hours, counting as *three*. In special cases Honors students may be permitted to take a seminar for *six* hours' credit.

- [42b. Ancient History: problems in the decay of civilizations drawn from the decline of ancient Greece and Rome. Mr Scramuzza.]
- 44b. The Medieval Town, mainly in the twelfth and thirteenth centuries. Th 4. Mr Packard.
- 47a. Revolution and Dictatorship. The French Revolution and Napoleon, with special attention to the influence of liberal thought, the role of pressure groups, development of nationalism and imperialism, and rise of dictatorships. Miss Gabel.
- [49b. Problems of Social Reconstruction in Modern Britain. Miss Wilson.]
- [410b (410a). Conservatism, Liberalism, and Radicalism. Main currents of political and social thought in the first half of the nineteenth century.]
- 411a. Selected Topics from the History of German Nationalism. Mr Kohn.
- 411b. Selected Topics from the History of Slavonic Nationalism. Mr Kohn.
- 413a (415a). The Early National Period. American history after 1789, studied through such topics as nationalism, sectionalism, rise of democracy, and development of the industrial revolution. T 7:30. Mr Cross.
- [414a. History of the American Revolution. An intensive study of the period between 1763 and 1789, with special emphasis on the economic, social, and political factors involved in the American struggle for independence, diplomacy of the Revolution, and writing of the Constitution.]
- 414b. History of American Westward Expansion. The westward movement of dominant American economic, social, and cultural tendencies during the nineteenth century. Th 7:30. Mr Cross.
- 415a (415b). American Foreign Policy since 1899, with special reference to the Pacific area. Mr Faulkner.
- 420b. Inter-American Relations in the Nineteenth and Twentieth Centuries. Relations of Argentina, Brazil, Mexico, and Caribbean countries with the United States. Mrs Holmes.

Graduate Seminars

50, 50a, 50b. Research and Thesis. *Three or six hours.*

51, 51a, 51b. Special problems in advanced work in history, arranged individually with graduate students. *†One hour or more.*

[**52b.** Introduction to the Sources of Medieval History. *†Three hours.* Mr Packard.]

[**53a or 53b.** Selected Topics in the History of England in the Sixteenth and Early Seventeenth Centuries. *†Three hours.* Miss Wilson.]

55a. Modern European History: Trends in French Politics, 1815-48. A reading knowledge of French is required. *†Three hours.* Mr Kohn.

[**56a.** Early American History. *†Three hours.* Mr Cross.]

57a. Recent American History. *†Three hours.* Mr Faulkner.

58a or b. Latin-American History. Selected topics. *†Three hours.* Mrs Holmes.

Adviser of graduate study: Mrs Holmes.

THE MAJOR

Advisers: Mrs Holmes, Mr Cross, Miss Bornholdt (chairman), Miss Ruby.

Based on 11, 12, 13, or an equivalent course. Students who have been exempted from the distribution requirement in Group D are expected to take six semester hours in the Department in their first two years if they wish to major in history.

Essential Courses: eighteen semester hours in history.

Optional Courses: twelve semester hours selected from history, government (above Grade I), economics, sociology, or from literature or other courses appropriately related and approved by the adviser.

Major programs may be arranged to correlate work in history and related subjects in such broad fields as ancient civilization, medieval or Renaissance studies, modern Europe, or area studies (*e.g.* the Americas).

The attention of students who may be interested is called to the Interdepartmental Major in American Studies.

Honors

Director: Miss Wilson.

Prerequisites: two courses in history or one course in history and one in a field appropriately related to the Honors program.

Program: the fixed requirements for all candidates will consist of (1) a minimum of twelve semester hours in units and seminars, including the introductory unit (three hours) taken in first semester of Junior year; (2) directed reading (three hours) in second semester of Senior year; (3) a long paper written in first semester of Senior year; (4) comprehensive examinations. Subject to these requirements a candidate may spend all or any part of her program on Honors work.

Examinations: (1) a general comprehensive examination assuming some preparation in each of the fields—Europe before 1648, Europe since 1648, American history; (2) an examination on historical literature and method; (3) a special examination in one of the following fields: ancient, medieval, early modern, Europe since 1789, American. Students will construct their programs with this distribution and emphasis in mind.

Units

History and Historians (introductory unit). A comparative study of the great historians in the major fields. Open also to properly qualified majors and to graduate students. M 7:30. *First semester*, Members of the Department. *Director*, Miss Ruby.

Ancient History: Greek or Roman. *First semester*, Mr Scramuzza.

Medieval History. *Second semester*, Mr Packard.

[The Renaissance. *Second semester*, Miss Gabel.]

Tudor and Stuart England or Western Europe in the Seventeenth Century. *First semester*, Miss Wilson.

Europe since Napoleon. *First semester*, Mr Bass.

[English History, Nineteenth Century. *First semester*, Miss Wilson.]

[Studies in Modern Imperialism or Latin-American History. *First semester*, Mrs Holmes.]

The Development of the United States to 1865. *First semester*, Mr Cross.

American Intellectual History. *First semester*, Miss Bornholdt.

HYGIENE AND BACTERIOLOGY

PROFESSORS: MARION FRANCES BOOTH, A.B., B.S.C., M.D., College Physician, *Chairman*

ABBIE MABEL O'KEEFE, M.D.

ASSOCIATE PROFESSORS: ELIZABETH FAITH GENUNG, M.S., *Subchairman*
K. FRANCES SCOTT, PH.B., M.D.

FRANCES CAMPBELL MCINNES, A.M., M.D.

ELINOR VAN DORN SMITH, PH.D.

ASSISTANT PROFESSORS: †ELIZABETH DOROTHY ROBITON, A.M.

RUTH VICTORIA HEMENWAY, M.D.

HELEN BURTON TODD, M.D.

INSTRUCTOR: LOUISE FRANCES POTTER, PH.D.

TEACHING FELLOW: MARY ANN AIKEN, B.S.

HYGIENE

The requirement in hygiene may be met in one of four ways: (a) by having passed an approved course in secondary school (students will be notified if their courses are approved); (b) by passing an examination given at the opening of college; (c) by completing 11a; (d) by completing 12a. The requirement must be completed in the first year in college.

The exemption examination will cover the hygiene of all systems of the body and the prevention of communicable diseases.

11a. Hygiene Lectures. Body mechanics, nutrition, vision and lighting, mental hygiene, the reproductive systems, and control of communicable diseases. One hour without credit. Students will be assigned to lecture hour. Dr Scott.

11b. Repetition of 11a for students who failed the exemption examination or who have permission to postpone the requirement.

NOTE.—Students who take 11a or b must carry it in addition to the minimum of fifteen hours.

- 12a. Hygiene of the Individual. A discussion of each body system and function, and the differing health requirements at various age levels and under varying living conditions. *Three hours.* M T W 3. Dr Scott.
- 12b. Hygiene of Group Living. Elementary study of community health problems, including a discussion of preventable diseases and environmental health hazards, together with modern methods and official agencies for their control. Optional field trips. Prerequisite, 12a or the equivalent. *Three hours.* M T W 3. Dr Scott.
- 21b. Modern Public Health Movements. Survey of the developing concept of public health since the eighteenth century, with consideration of the functions of official and nonofficial agencies; detailed study of major modern problems of public health; discussion of recent proposals for the socialization of medical care. Two afternoon field trips will be required. *Three hours.* M T W 2. Dr Scott.
- 53b. Health Education. Special problems of personal and environmental hygiene applying to the physical activity, growth, and health of school children, and to school buildings and playgrounds. For graduate students in physical education, or by permission of the instructor. *†Three hours.* Dr Scott.
- 54a. Advanced Health Education. Construction of teaching units in the fields of personal and community health. Practice teaching. Prerequisite, 53b. *†Three hours.* Dr Scott.

BACTERIOLOGY

The courses which may be taken to fulfill the distribution requirement in Group G are 22, 27a and b, Biological Science 195.

22. Bacteriology and Other Phases of Microbiology. Methods of study of principal kinds of microorganisms including bacteria, yeasts, and molds, with emphasis on the relation of microorganisms to domestic, economic, and public health problems. For students other than Freshmen who have passed or are taking Chemistry 11 or the equivalent. Two lectures and two two-hour laboratory periods. *Three hours each semester.* Lec. T W 10; Lab. M W 2. Miss Genung, Miss Aiken.
- 27a. General Microbiology. Outline of the biological relationships of microorganisms to higher forms of life and the interrelationships among microorganisms. For students who have passed an introductory course in a biological science or offered an entrance unit in biology. Lectures and demonstrations. *Three hours.* M T W 12. Miss Potter.
- 27b. Microorganisms of Importance to Man. A study of microbial activities in relation to the life of the individual and the community. For students who have passed 22 or 27a or are taking 22. Lectures and demonstrations. *Three hours.* M T W 12. Miss Potter.
34. Advanced Bacteriology and Serology. Systematic study of pathogenic bacteria and public health laboratory methods of disease diagnosis, including agglutination and Wassermann reactions. Prerequisite, 22. One lecture and five hours of laboratory. *Three hours each semester.* Lec. Th 2; Lab. Th 3-5 F 2-5. Miss Smith.

- 41, 41a, 41b. Special studies in bacteriology and serology. For qualified Seniors by permission of the Department. *†Two or three hours.*
- [42b. Pathogenic Fungi and Antibiotics. Systematic studies of the higher bacteria and fungi of medical importance. For Seniors who have passed 22 and have passed or are taking 34 or have passed Botany 34a. *Three hours.* Lec. Th 10; Lab. Th 11-1 F 10-1. Miss Robinton.]
- [43a, 43b. Seminar in Backgrounds of Bacteriology. Survey of the discoveries and developments in bacteriology which have had a vital influence on the fields of medicine and surgery, public health and sanitation, and on certain industrial and domestic operations. Prerequisite for 43a, 22 or 27a and b; for 43b, 43a or by permission of the instructor. *†Three hours.* Miss Genung.]
- [44b. Seminar in Bacteriology and Immunology. By permission of the instructors for students who have passed or are taking 34. *†One hour.* Miss Genung, Miss Smith.]
- 50, 50a, 50b. Research and Thesis. *Three or six hours.*
- 51a, 51b. Advanced Studies. *†One hour or more.*
- 55a, 55b. Problems in Bacteriology and Serology. *†Two hours or more.* Miss Genung, Miss Smith.
- [56b. Problems in Pathogenic Fungi and Antibiotics. *†Two hours or more.* Miss Robinton.]
- Adviser of graduate study: Miss Genung.
- Attention is called to the Interdepartmental Major in Bacteriology.

ITALIAN LANGUAGE AND LITERATURE

ASSOCIATE PROFESSORS: ANACLETA CANDIDA VEZZETTI, DOTTORE IN FILOSOFIA E PEDAGOGIA
 RUTH ELIZABETH YOUNG, A.M., *Chairman*
 |MICHELE F. CANTARELLA, A.M.

The course which may be taken to fulfill the distribution requirement in Group A is 26.

Students planning to major in Italian, who have entered with only two units of an inflected language, will be required to take Latin 12a, Greek 12a, or six hours of the classics in translation: Greek 18a, Latin 18b, 28.

11D or 12 is the prerequisite for 26, 36, 37, 38, and 39.

11. Elementary Course. Five class hours. *Three hours each semester.* M T W Th F 11. Miss Vezzetti.

11D. Elementary Course, covering the work of two years. *Six hours each semester.* M T W Th F S 9; additional hours to be arranged for conversation in place of some preparation. Miss Young.

12 (21). Intermediate Course. Reading from modern Italian literature, with grammar and composition. Prerequisite, two units in Italian or 11. *Three hours each semester.* M T W 11. Miss Young.

26 (26a and b). Survey of Italian Literature. Reading of outstanding works, with cultural and social background. *Three hours each semester.* Th F S 10. Miss Vezzetti. (L)

[31 (36 and 37). Advanced Composition and Translation. *Three hours each semester.* Miss Young and Mr Cantarella.]

36 (31). Dante: *Vita Nuova, Divina Commedia.* *Three hours each semester.* M T W 10. Miss Young.

[37 (32). Major Literary Figures from Petrarch to Tasso. *†Three hours each semester.* Mr Cantarella.]

[38. Literature of the Eighteenth and Nineteenth Centuries. *†Three hours each semester.* Mr Cantarella.]

39 (34 and 35). Contemporary Literature. *Three hours each semester.* M T W 9. Miss Vezzetti.

41, 41a, 41b. Special Studies. For qualified Seniors by permission of the Department. *†Two or three hours.*

50, 50a, 50b. Research and Thesis. *Three or six hours.*

51, 51a, 51b. Advanced Studies. *†One hour or more.*

Adviser of graduate study: Miss Young.

THE MAJOR

Adviser: Miss Vezzetti.

Based on 11D or 12.

Essential Courses: 26, except for those who spend the Junior year in Italy, and three courses of Grade III of which one must be 36.

Optional Courses: closely related courses in allied fields such as history, literature, art, and music approved by the adviser.

HONORS

Director: Miss Young.

Prerequisite: 11D or 12.

Program: to be arranged with the director; three hours on an independent piece of work.

Examinations: one on the general field of literature; one on the field of specialization; one on linguistic preparation.

MATHEMATICS

PROFESSOR: NEAL HENRY MCCOY, PH.D., *Chairman*

ASSOCIATE PROFESSOR: †RICHARD EDWARD JOHNSON, PH.D.

ASSISTANT PROFESSOR: ANNE FRANCES O'NEILL, PH.D.

INSTRUCTORS: HARRIET PRESCOTT DEININGER, A.M.

MARY KENT PEABODY, PH.D.

The courses which may be taken to fulfill the distribution requirement in Group F are 12, 13, 14. However, if a student is considering a major in the Department 14 is not advised.

Students planning to major in mathematics are advised to offer three units of mathematics for entrance and to take in the first two years Mathematics 12, 21, or 13, 22a. A course in astronomy or physics is also recommended. For additional preparation for Honors work, see the Honors program.

12. Mathematical Analysis. Trigonometry; analytic geometry; elements of calculus. Prerequisite, three units of mathematics not including trigonometry. *Three hours each semester.* M T W 12, 3; Th F S 9, 11. Mr McCoy, Mrs Deininger, Miss Peabody.

NOTE.—Credit will be given for the first semester, if it is followed in the same year by Astronomy 24b.

13. Analytic Geometry, Differential Calculus. Prerequisite, at least three units of mathematics including trigonometry or 11b. *Three hours each semester.* M T W 3; Th F S 10. Miss O'Neill, Miss Peabody.

14. An Introduction to the Basis of Mathematical Thinking. Prerequisite, two or three units of mathematics. Not open to students who have taken 12 or 13. *Three hours each semester.* M T W 12. Miss O'Neill.

21. Differential and Integral Calculus. A continuation of 12. Prerequisite, 12. *Three hours each semester.* Th F S 10. Mrs Deininger.

- 22a. Differential and Integral Calculus. Equivalent to the second semester of 21. Prerequisite, 13. *Three hours.* M T W 11. Mr McCoy.

- 24b. Intermediate Calculus. Partial derivatives, multiple integrals with applications to physical problems, infinite series. Prerequisite, 21 or 22a. *Three hours.* M T W 11. Mr McCoy.

- [31a. Differential Equations. Solution and application of ordinary differential equations. Prerequisite, 21 or 22a. *Three hours.* M T W 10. Mr Johnson.]

- 32b. Foundations of Geometry. An introduction to the axiomatic study of Euclidean and non-Euclidean geometry and to certain concepts in topology. Prerequisite, three semester hours of mathematics above Grade I or by permission of the instructor. *Three hours.* Th 2-4 F 2.

- 33a, 33b. Higher Algebra. Topics from the theory of equations, and an introduction to modern abstract algebra. 33a for students who have passed or are taking 21 or 22a; prerequisite for 33b, 33a. *Three hours.* M T W 10. Mr McCoy.

- 34a. Projective Geometry. Prerequisite, 12 or 13. *Three hours.* M 2-4 T 2. Mrs Deininger.

- [35b. Theory of Numbers. Properties of integers including divisibility, theory of congruences, primitive roots, theorems of Fermat and Wilson. Prerequisite, three semester hours of Grade III in mathematics or by permission of the instructor. *Three hours.* Th F S 11. Mr McCoy.]

- 36a. Infinite Series. Prerequisite, 21 or 22a. *Three hours.* M T W 9. Miss Peabody.

- [38b. Solid Analytic Geometry. For students who have passed 21 or 22a or are taking 21. *Three hours.* M T W 10.]

- 41, 41a, 41b. Special Studies. For qualified Seniors by permission of the Department. *Two or three hours.*

43. Advanced Calculus. A study of functions of two or more variables. Pre-requisite, 21 or 22a. *Three hours each semester.* M T W 11. Miss O'Neill.

48a, 48b. Honors paper, review, and co-ordination. For Seniors. *†Three hours.*

50, 50a, 50b. Research and Thesis. *Three or six hours.*

52a, 52b. Special studies in topology and analysis, including functions of a real variable and functions of a complex variable. *†One hour or more.*

53a, 53b. Special studies in modern geometry. *†One hour or more.*

54a, 54b. Special studies in algebra, including theory of numbers, theory of groups, matrices and determinants, and modern algebraic theories. *†One hour or more.*

Adviser of graduate study: Mr McCoy.

THE MAJOR

Advisers: Mr McCoy, Miss O'Neill.

Based on 12 or 13.

Essential Courses: 21 or 22a and other courses in mathematics, making a total of not less than eighteen semester hours, of which at least twelve must be above Grade II.

Optional Courses: other courses in mathematics.

Astronomy, courses above Grade I except 26a or b.

Physics, courses above Grade I except 27b.

Economics 38; Chemistry 43; Philosophy 21a or b, 31b.

Honors

Director: Miss O'Neill.

Prerequisites: 12 and 21 or 13 and 22a. A course in astronomy or physics is recommended, and a reading knowledge of German or French.

Program:

Essential Courses: 43, 48a, 48b.

Optional Courses: other courses in mathematics or courses in related fields chosen in consultation with the director.

Examinations: one will cover the common background of all majors, two will test the field of specialization.

MUSIC

PROFESSORS:

ARTHUR WARE LOCKE, A.M.
 WILSON TOWNSEND MOOG, B.A., MUS.B.
 WERNER JOSTEN
 LELAND HALL, M.A., *Chairman*
 JOHN WOODS DUKE
 SOLON ROBINSON
 ALFRED EINSTEIN, DR. PHIL.
 †ROSS LEE FINNEY, B.A.
 DORIS SILBERT, A.M.

ASSOCIATE PROFESSORS:

RAYMOND PUTMAN
 †WILLIAM BEAUMONT SCATCHARD, B.MUS., B.S.
 BIANCA DEL VECCHIO, DIPLOMA DI MAGISTERO
 MARION DE RONDE, A.B.
 GERTRUDE PARKER SMITH, A.M.
 LOUISE ROOD, A.M.

ASSISTANT PROFESSOR:

ANNA HAMLIN
 IDA DECK HAIGH

DIRECTOR OF CHORAL MUSIC:

IVA DEE HIATT, M.A.

INSTRUCTOR:

JOHN KENNEDY HANKS, B.S.

TEACHING FELLOWS:

HELEN EDNA POTERALA, A.B.
 OLGA GRATCH, MUS.B.
 JUSTINE NANCY KLEIN, A.B.
 M. RITA PANGBORN, B.S. IN ED.

CURATOR:

RUTH MARGARET AGNEW, M.A.

The courses which may be taken to fulfill the distribution requirement in Group B are 13, 23. However, if a student is considering a major in the Department 13 is not advised.

Music 320, 321a, and 46, combined with practical music and certain courses in education, are necessary for teaching music in schools. Students should consult Mrs Scatchard or Miss Rees as early as possible in the college course.

A. Study of Composition

11. Introduction to Composition: melodic, rhythmic, and harmonic materials. Four class hours. *Two hours each semester.* M T W 9, 11; W Th F 3; Th F S 10, 11; one period of sight singing and keyboard harmony to be arranged. Miss Silbert (*Director*), Miss Smith, Miss Rood, Mrs Haigh.
21. Continued study of harmonic materials and an introduction to counterpoint. Prerequisite, 11 or its equivalent. Three class hours. *Two hours each semester.* M T W 10, Th F S 11. Mr Moog, Miss Smith.
- 31a. Tonal Organization in Musical Form. Introduction to forms based on thematic organization. Prerequisite, 21 or its equivalent. *Three hours.* M T W 11. Miss Smith.
- [31b. Larger Tonal and Thematic Forms. Prerequisite, 31a. *Three hours.* M T W 11. Mr Finney.]

33. Composition in Small Forms. Prerequisites, 21 or its equivalent and permission of the instructor. *Three hours each semester.* M T W 12. Mr Josten.
42. Composition for Small Instrumental Groups. Prerequisite, 33. *†Three hours each semester.* Mr Josten.
53. Theories of Analysis Applicable to Modern Music. *†Three hours each semester.* Mr Finney.

B. Study of Musical Literature

Unless otherwise stated the prerequisite for Grade III courses in this Division is 23.

13. Listeners' Course. Observation of the elements of music and of musical composition. No previous training in music is required. This course may not be taken as the theory requirement by students receiving credit for practical music. *Three hours each semester.* M T 4 and a third hour to be arranged for sections. Mr Hall, Miss Rood.
23. General History of Music. Prerequisite, 13, 11, or the equivalent. *Three hours each semester.* W Th F 3. Miss Silbert.
- 35a. The Symphony since Beethoven. *Three hours.* W Th F 3. Mr Hall.
- 35b. Verdi and Italian Opera. *Three hours.* W Th F 3. Mr Hall.
- 36a. Wagner. *Three hours.* M T W 10. Mr Locke.
- 36b. Modern Music. *Three hours.* M T W 10. Mr Locke.
- [38a. Haydn. Offered in alternate years. *Three hours.* M T W 9. Miss Silbert.]
- [38b. Mozart. Offered in alternate years. *Three hours.* M T W 9. Mr Josten.]
- 310a. Beethoven. *Three hours.* M T W 9. Mr Josten.
- [311a. Chamber Music of Beethoven. Offered in alternate years. *†Three hours.* Miss De Ronde.]
- 311b. Chamber Music of Schubert, Schumann, and Brahms. Offered in alternate years. *†Three hours.* Miss De Ronde.
- 313a (313b). Studies in Pianoforte Music. Prerequisites, 23 and 222. Offered in alternate years. *Three hours.* M T W 12. Mr Hall.
- 315b (315a). History of Orchestration from Haydn to Modern Times. Survey of orchestral instruments and their use in works of outstanding composers. *Three hours.* Th F 12 and a third hour to be arranged. Miss Rood.
- [318b. Music in America. The rise of a popular and a serious musical culture in America. *Three hours.* M T W 12. Mr Finney.]
- 43b. Secular Song before 1650. *†Three hours.* Miss Smith.
- 44a (44b). Studies in the Criticism of Music: various aspects as represented in important literary works. Two class hours. *Three hours.* F 11-1. Mr Einstein and Miss Silbert.
- 54b (54a). Studies in Eighteenth-Century Opera Buffa. *†Three hours.* Mr Hall.
55. Bach. Offered in alternate years. *†Three hours each semester.* Mr Locke.
56. Mozart; Schubert. Required without credit of all candidates for the Master's degree in music. Mr Einstein.

C. Music Pedagogy

[320. Elementary School Music. Music education from preschool through sixth grade. For students who have passed 11 and have passed or are taking 23. Students must pass a simple preliminary test in sight reading. *Two hours each semester.* M T 2. Mrs Scatchard.]

[321a, 321b. Choral Conducting. Fundamentals of conducting; study of various styles of choral music suitable for school and amateur groups. Prerequisite for 321b, 321a. Offered in alternate years. Two class hours. *One hour.* T 4-6. Mrs Scatchard.]

[46. Advanced School Music. Music in junior and senior high schools. Prerequisite, 320. *Three hours each semester.* M T 3 and one hour of observation and participation to be arranged. Mrs Scatchard.]

41, 41a, 41b. Special studies in the theory and literature of music. For qualified Seniors by permission of the Department. *†Two or three hours.*

50, 50a, 50b. Research and Thesis. *Three or six hours.*

51, 51a, 51b. Advanced studies arranged on consultation with the Department. *†One hour or more.*

Adviser of graduate study: Mr Locke.

D. Practical Music

Undergraduate and graduate courses are offered in the following branches of practical music: piano, violin, viola, violoncello, organ, voice, harpsichord, and instrumental ensemble. These courses may be elected by properly qualified students, and are given credit toward the degree of Bachelor of Arts and Master of Arts. There are fees for all courses in practical music and for the use of practice rooms, which are listed on page 43 of the CATALOGUE.

Courses in practical music, except those in instrumental ensemble, will require one lesson of one hour or two lessons of half an hour each. Courses of Grades I and II require six hours of practice per week and count for *two hours each semester.* The normal course above Grade II will require nine hours of practice and will count for *three hours.* Qualified students may divide the course combining two hours credit in one instrument with one hour in a related one or in ensemble. A two-hour course will be available to nonmajors. If additional instruction is received there will be an added charge. Courses in instrumental ensemble require one lesson of one hour and three hours of practice per week and count for *one hour each semester.*

Students taking practical music (Division D) to be counted for credit toward graduation must take at least an equal number of hours from Division A, B, or C (except 13), and the hours in practical music may not be counted unless this equivalent number of hours has been passed.

Any course in practical music and its accompanying course in Divisions A, B, or C may be counted together as one in the required number of three-hour courses, but each course will receive its full credit.

No student in practical music will be admitted to a course above Grade II who has received a mark lower than C in the previous course in the same branch.

Before registering for any course in practical music the student must show evidence of her ability in a test given by members of the Department at the College

during the days just previous to the opening of the first semester and in May. These tests are based on the following requirements:

PIANO. The candidate will be expected to play three pieces representing different styles in piano literature, preferably selected from the following groups, but substitutes may be presented with the approval of the Department. (1) Bach: Little Preludes and Fugues, French Suites, Clavecin Book of Anna Magdalena Bach, Inventions. (2) Clementi: Sonatas or Sonatinas (one movement); one movement from sonatas of Haydn or Mozart, or of Beethoven, op. 2, 10, 14, or 49. (3) Mendelssohn: "Songs without Words"; Schumann: "Kinderscenen"; Chopin: Waltzes, Preludes, Nocturnes, Mazurkas; Schubert: Impromptus, Moments Musicaux; Grieg: "Lyric Pieces"; Field: Nocturnes; MacDowell: "Woodland Sketches," "Sea Pieces."

ORGAN. The examination for admission to organ courses is identical with that for entrance to piano courses as stated above.

VOICE. The candidate will be expected (1) to sing three songs, (2) to pass a simple test in sight reading. She will be judged on her pitch, rhythm, musical intelligence, and feeling.

VIOLIN. The candidate should be prepared to play (1) major and minor scales; (2) any two studies from Dont, op. 37 or 38; (3) one movement from a sonata or sonatina of the grade of the sonatinas of Schubert; (4) a solo selected by the candidate.

VIOLA. The candidate must have passed 252 or its equivalent.

VIOLONCELLO. The candidate should be prepared to play (1) major and minor scales of three octaves; (2) any two studies from Dotzauer, op. 120, or from Merk, op. 11; (3) a movement from a sonata by one of the seventeenth- or eighteenth-century composers such as Antoniotti or Buononcini; (4) a solo selected by the candidate.

Piano

Mr Locke, Mr Duke, Mr Robinson, Mr Putman, Miss del Vecchio, Mrs Haigh.

121. Major and minor scales; Hanon; studies of the grade of Czerny, op. 299; Bach, Two-Part Inventions, Little Preludes and Fugues; sonatas of the grade of the Mozart in G; shorter compositions.
222. Technical studies; Bach, Three-Part Inventions or French Suites; sonatas of the grade of Beethoven, op. 14, no. 1; shorter romantic compositions.
323. Technical studies; Bach, English Suites, Partitas, or Preludes and Fugues from the Well-Tempered Clavichord; sonatas of the grade of Beethoven, op. 26; pieces from romantic and modern schools.
424. Preparation of a program of not less than one-half hour, including one long work.
525. Advanced work for students who have passed 424.

Organ

Mr Moog.

232. Manual and pedal technique; Bach, eight short preludes and fugues, selected Chorale-Preludes from Vol. V, Peter's ed.; short pieces involving fundamental principles of registration. Prerequisite, 121 or its equivalent.

333. Bach, Prelude and Fugue in C minor, Toccata and Fugue in D minor; Mendelssohn, second sonata; shorter pieces for use in church service. Accompanying of hymns, anthems, and chants.
434. Bach, Preludes and Fugues in E-flat and D major; old masters of the organ; selected compositions of Widor, Franck, Reger. Complete church service playing.
535. Advanced study for students who have passed 434.

Harpsichord

Miss Silbert.

- 303, 404, 505. A study of the mechanism of the harpsichord and of the style of the music for this instrument. Representative literature selected from the works of Bach, Handel, Couperin, Rameau, Scarlatti, Purcell, and other composers. To be taken only in conjunction with a piano course of Grade III or above. *†One hour each semester.*

Voice

Miss Hamlin, Mr Hanks.

141. Exercises in breathing and tone placement. Vocal studies of Vaccai, Lütgen, or Concone. Italian songs of Pergolese, Caccini, etc. Freshmen are strongly urged to take Italian in conjunction with this course.
242. Studies of Marchesi or Concone. Songs and arias of Mozart, Handel, Haydn, Bellini, Rossini, and old English airs.
A knowledge of German and French is advisable for students electing 343 and 444.
343. Studies of Marchesi and Panofka. Continued study of classic repertoire and beginning study of German lieder and songs of Fauré or Debussy.
444. Studies of Marchesi. Standard German and French repertoire, opera arias of Verdi, contemporary songs.
545. Advanced work for students who have passed 444.

Violin

Miss Rood.

151. Studies by Kayser and Kreutzer; sonatas and concertos of the seventeenth and eighteenth centuries.
252. Studies by Kreutzer; sonatas and concertos of the seventeenth and eighteenth centuries including Handel.
353. Studies by Kreutzer and Rode; sonatas and concertos of the eighteenth and nineteenth centuries.
454. Studies by Rode; sonatas and concertos of the eighteenth and nineteenth centuries.
555. Advanced study for students who have passed 454.

Viola

Miss Rood.

363. Technical studies by Svecenski, Lifschey, and Kreutzer; sonatas and concertos of the eighteenth and nineteenth centuries. Prerequisite, 252 or its equivalent.

464. Further study of viola literature.

Violoncello

Miss De Ronde.

171, 272, 373, 474, 575. Technical studies from Dotzauer to Franchomme, and study of representative literature for the violoncello.

Instrumental Ensemble

Members of the Department.

These courses are open to qualified students of violin, violoncello, and piano.

String Quartets

181, 282, 383, 484, 585.

Ensemble with the Piano

292a and b, 393a and b, 494a and b, 595a and b.

Note.—These courses are of three kinds: sonatas for piano and violin or violoncello (two students); other combinations of piano and strings; individual work for pianist with instructor for which a fee is charged.

THE MAJOR

Advisers: Miss Silbert, Miss Smith.

Based on 11.

Essential Courses: 21, 23, 31a, and twelve semester hours of music above Grade II.

Optional Courses: closely related courses with the approval of the adviser.

Honors

Director: Miss Rood.

Prerequisites: 11, 21, 23.

Program: in fulfilling the requirements of the major students will include a comprehensive unit continuing through both years and totaling twelve hours; they will present a paper or composition counting for three to six semester hours; and will take a minimum of nine semester hours in other departments. Apart from these requirements the program will be planned with the director to meet individual needs.

Examinations: one general comprehensive; one involving critical analysis on a limited field of concentration in literature or composition; one oral.

The Department will offer work in the literature of music to Honors students in other departments who have had a Grade II course in music.

PHILOSOPHY

PROFESSORS:

EDNA ASTON SHEARER, PH.D.

MARY EVELYN CLARKE, PH.D., *Chairman*

EDGAR WIND, PH.D.

ASSOCIATE PROFESSORS:

ALICE AMBROSE LAZEROWITZ, PH.D.

MORRIS LAZEROWITZ, PH.D.

*DOROTHY WALSH, PH.D.

VISITING LECTURER:

ROGER WELLINGTON HOLMES, PH.D.

INSTRUCTOR:

DAVID HAVENS NEWHALL, M.A.

The courses which may be taken to fulfill the distribution requirement in Group C are 11, 22, 24, 33.

11. Introduction to Philosophy. Reading and discussion of some of the most important classic and modern philosophical works, to introduce the student to such topics as the relation of mind and body, sources of knowledge, freedom and determinism, nature and status of ideals. *Three hours each semester.* M T W 9, 10; Th F S 11, 12. Miss Shearer, Mrs Lazerowitz, Mr Newhall.
- 21a. Logic. Introductory course, including study of common fallacies in reasoning, theory of the syllogism, and some modern developments. The course is intended to train the ordinary student in effective use of principles of correct thinking. *Three hours.* Th F S 9. Mrs Lazerowitz.
- 21b. Repetition of 21a. Th F S 10. Mrs Lazerowitz.
22. Ethics. The outstanding moral theories of classical and modern times, with applications to practical problems. Reading will include literature of the Epicureans and Stoics, Aristotle, Kant, Bentham, Mill, Nietzsche, G. E. Moore. *Three hours each semester.* Th F S 11. Miss Clarke.
24. History of Philosophy from Thales to Kant. Introduction to philosophy, with emphasis on its historical development. The course should be of use also to students majoring in other fields who wish to obtain an acquaintance with the history of ideas. *Three hours each semester.* M T W 9, 11; Th F S 9, 10, 11, 12. Miss Clarke, Mr Lazerowitz, Miss Walsh, Mr Newhall.
- 31b. Advanced Logic. Postulate sets. The system of *Principia Mathematica*: general propositions; definite descriptions; classes and the theory of types. Prerequisite, 21a or b. Open to Sophomores by permission of the instructor. †*Three hours.* Mrs Lazerowitz.
- 32a. Metaphysics and Science. Development of a new technique for the solution of philosophical problems. Its application to a selection of metaphysical theories which closely resemble scientific theories: theories of time, space, substance, causality and freedom, universals, a priori propositions. Prerequisite, six semester hours in philosophy or by permission of the instructor. †Two class hours. *Three hours.* Mr Lazerowitz.
- 32b. Epistemology. General explanation of a new technique for the solution of philosophical problems. Its application to epistemological and closely related problems: our knowledge of the external world, other minds, the mind-body problem, rationalism and empiricism. Prerequisite, six semester hours in philosophy or by permission of the instructor. †Two class hours. *Three hours.* Mr Lazerowitz.
33. Aesthetics. Persistent general convictions and the views of representative philosophers as to the nature and value of beauty and its expression in literature, music, and the plastic arts. *Three hours each semester.* M T W 10. Miss Shearer.
- 36a. Plato: a systematic and historical study of the chief dialogues. Prerequisite, 11 or 24. †*Three hours.* Mr Wind.
- 36b. The Platonic Tradition: a study of Neoplatonism, beginning with Plotinus and Proclus, leading to Marsilio Ficino and Pico della Mirandola, and ending with the Cambridge Platonists. Prerequisite, 36a. †*Three hours.* Mr Wind.
- 38b (38a). Oriental Philosophy. Philosophical bases of Hinduism, Buddhism, and the metaphysical systems into which they developed. Prerequisite, six semester hours in philosophy. *Three hours.* W Th F 3. Miss Clarke.

310b (310a). American Philosophy. Philosophical ideas of Edwards, Emerson, Royce, James, Dewey, and others, with attention to the connection of these ideas with current religious, political, and moral views. *Three hours.* Th F S 10. Miss Walsh.

311. Recent and Contemporary Philosophy. Modern idealism from Hegel; William James; Whitehead; Bertrand Russell; G. E. Moore; Santayana. Prerequisites, 24 and six semester hours in philosophy or in allied departments as approved by the director. *Three hours each semester.* W Th F 2. Members of the Department. Director, Mrs Lazerowitz.

1, 41a, 41b. Special Studies. For qualified Seniors by permission of the Department. *†Two or three hours.*

5a (35a). Kant: a study of the *Critique of Pure Reason* and readings from the *Critique of Practical Reason*, with consideration of their influence on later philosophy. For qualified students by permission of the instructor. *†Two class hours.* Three hours. Miss Clarke.

0, 50a, 50b. Research and Thesis. *Three or six hours.*

1, 51a, 51b. Advanced studies arranged individually. *†Three hours.*

53. A Systematic Study of Aesthetic Theory. *†Three hours each semester.* Miss Shearer.]

5a. Topics in Logical Theory, with special reference to foundations of mathematics. *†Three hours.* Mrs Lazerowitz.

56b. Contemporary Ethics. *†Three hours.* Miss Clarke.]

adviser of graduate study: Miss Shearer.

THE MAJOR

advisers: members of the Department.

based on six semester hours in philosophy.

Essential Courses: twenty-four semester hours in philosophy, including 24 whenever taken, unless used as the basis of the major.

Optional Courses: related courses in other departments as approved by the adviser.

Honors

Director: Miss Clarke.

Prerequisites: any year course in philosophy of Grade I or Grade II; in addition 21a or b and Psychology 11 or 12 are advised. For other prerequisites for specific programs the director should be consulted.

Program: three hours on the preparation of a paper and three on review; the remaining hours divided between work in philosophy and in some related department, with the major portion of the work in philosophy including normally at least two units.

Examinations: one on philosophical systems and history of philosophy; one on value theories and methodology; one on work done in related departments.

Units

Aesthetics. *Six hours.* Second semester, Miss Walsh.

Topics in the History of Modern Philosophy. *Three hours.* Second semester, Miss Clarke.

Nineteenth-Century German Philosophy. *Six hours.* Second semester, Mr Wind.
 Logic. *Three hours.* First semester, Mrs Lazerowitz.
 Ethics. *Six hours.* First semester, Miss Clarke.

These units will ordinarily be offered in alternate years.

PHYSICAL EDUCATION

PROFESSOR: **DOROTHY SEARS AINSWORTH, PH.D., Director

ASSOCIATE PROFESSORS: †GERTRUDE GOSS

FLORENCE MARIE RYDER, M.S.

HELEN LOUISE RUSSELL, PH.D., Assistant Director

ASSISTANT PROFESSORS: EVELYN F. JENNINGS, B.S.

ANNE LEE DELANO, A.M.

LILLIAN M. MANCINI, A.M.

LECTURER: RUTH EVANS, A.M., M.P.E. (HON.)

INSTRUCTORS: FRANCES MEAKER COLVILLE, M.S. IN H.P.E.

ETTIE LEN TOY CHIN, A.M.

RUTH ARLENE SWEEZEEY, B.S.

RITA MAY BENSON, M.S. IN H.P.E.

HELEN VIRGINIA CROOK, B.S. IN PHY.ED.

MARGARET ANN THORSEN, M.S. IN H.P.E.

RUTH BUCHANAN EDDY, M.S. IN PHY.ED.

BARBARA BARNARD GODFREY, M.S. IN PHY.ED.

MARTHA COLEMAN MYERS, B.S.

CARYL MIRIAM NEWHOF, B.S. IN PHY.ED.

PATRICIA URNER, A.M.

Physical Education 1a and b and 2a and b are required of all students in the first two years, the type of work being adjusted to the needs and conditions of individual students. Continuous failure in these courses due to lack of interest or to unexcused absences may result in the student's being requested by the President to withdraw from college.

All students who are in physical education classes or use the gymnasium are required to buy uniform suits and shoes.

The Athletic Association, open to all members of the College, is under the direction of this Department.

A. Physical Education

Requirements

1a, 1b. Body Mechanics, Dance, and Sports.¹ Three periods of one hour each.
 Required for Freshmen.

Fall Term. One period, body mechanics; two periods, swimming for those who have not passed the test, for others a choice of the following:

Archery, canoeing, crew, golf, hockey, riding, soccer, swimming, tennis, volleyball.

Individual Gymnastics. Miss Ryder, Miss Eddy.

The Dance, modern and folk. Miss Urner, Miss Sweezey, Mrs Myers.

¹ A fee is charged for golf, riding, campcraft, and winter sports.

Winter Term. One period, fundamental movement; two periods, a choice of Badminton, basket ball, bowling, children's games, fencing, riding, squash, swimming, winter sports.

Individual Gymnastics. Miss Ryder, Miss Jennings, Miss Thorsen, Miss Eddy.

The Dance, continuing the fall course and new sections. Miss Urner, Miss Sweezey, Mrs Myers.

Spring Term. One period, rhythmic work or body mechanics; two periods, beginning swimming for those who have not passed the test, for others a choice of

Archery, campcraft, canoeing, children's rhythms, crew, golf, lacrosse, riding, softball, swimming, tennis, volleyball.

Individual Gymnastics. Miss Ryder, Miss Eddy.

The Dance, continuing the fall and winter courses and new sections. Miss Urner, Mrs Myers.

2a, 2b. Dance and Sports. Three periods of one hour each. Required for Sophomores.

Each term a choice of sports and dance as listed under the corresponding term for 1a and b.

A health consultation is required for Juniors and Seniors, and any student who is falling below a standard which for her is reasonable must take work under the direction of the Department as follows:

3a, 3b. Required for these Juniors.

4a, 4b. Required for these Seniors.

Elective Classes and Sports

Juniors and Seniors may elect work in any class listed above or in the upper-class sports sections.

In addition there are week-end trips to the cabins under the auspices of the Outing Club, riding trips under the Riding Club, and open-hour swimming at the pool.

Courts and other equipment are available to all students when not being used by classes.

B. Course in the Training of Teachers of Physical Education

This course is open to students of Smith College and to graduates of other colleges of approved standing. Students entering it will be given the opportunity to specialize in one of four fields: corrective physical education, the dance, recreation (physical education in relation to community service and clubs), sports (in relation to schools and colleges).

The course has as its basic plan classes in science and education as well as physical education. Smith College students may take the majority of the scientific and educational courses as undergraduates and in so doing will be able to fulfill the requirements for the diploma in one year after graduation.

Properly qualified students from Smith and other colleges may become candidates for the degree of Master of Science in Physical Education (M.S. in Phy. Ed.). Six semester hours of zoology, six hours of education, and six hours in one of the following: bacteriology, chemistry, experimental psychology, mathematics, nutrition, physics, zoology should be offered as prerequisites. Students who have satis-

factorily completed the courses equivalent to those leading to the diploma may become candidates for the degree in the first year. Other students would normally become candidates in the second year.

It is possible also for properly qualified students to become candidates for the degree of Master of Arts (A.M.) or Master of Education (Ed.M.).

Students who wish to enter the course should present a written statement from a physician that they are in good physical condition and able to undertake a course in physical education. For further information write to Miss Ainsworth, Scott Gymnasium, for the special booklet describing the course.

33a, 33b. Corrective Physical Education. The basic teaching material of preventive and corrective phases of physical education as applied to individual developmental needs. *Three hours.* M T W 12. Miss Ryder.

42a, 42b. Elementary material for the teaching of physical education, including the dance, recreation, and sports. Required in the first year of students entering from other colleges who have not fulfilled the requirement elsewhere. Open to undergraduates only by permission of the Director of Physical Education. Prerequisite for 42b, 42a. Two lectures, six hours of practice. [†]*Three hours.* Members of the Department.

43a, 43b. The Physiology and Anatomy of Movement. An analytical study of human motor activity. Prerequisites, Zoology 12 and permission of the Director of Physical Education. Two lectures and four hours of laboratory. *Three hours.* Lec. Th F 11; Lab. Th F 9-11. Miss Ryder.

50, 50a, 50b. Research and Thesis. *Three or six hours.* Director, Miss Russell.

51a, 51b. Special Studies. [†]*Three hours.* Members of the Department.

52. Continuation of 42, covering advanced material for the teaching of physical education, with opportunity for the student to specialize in corrective gymnastics, the dance, recreation, or sports. Theory, two hours; practice, six hours. [†]*Three hours each semester.* Members of the Department.

53a, 53b. Gymnastics and Fundamental Movement. Theory, one hour; practice, two hours. [†]*One hour.* Miss Ainsworth, Miss Ryder, Miss Mancini.

54a or b. Elementary Measurement in Physical Education. [†]*Three hours.* Miss Russell.

55a. History and Principles of Physical Education. [†]*Three hours.* Miss Ainsworth.

55b. Organization and Administration of Physical Education. [†]*Three hours.* Miss Ainsworth.

56a, 56b. Directed Practice in the Teaching of Physical Education. One lecture; two practice periods. [†]*Three hours each semester.* Miss Mancini.

57a or b. Advanced Measurement in Physical Education: history and methods of testing. Use of statistics and study of special problems. [†]*Three hours.* Miss Russell.

Hygiene 53b. Health Education. Required of all students for the diploma.

Hygiene 54a. Advanced Health Education.

PHYSICS

PROFESSORS:	†GLADYS AMELIA ANSLOW, PH.D.
	NORA MAY MOHLER, PH.D., <i>Chairman</i>
ASSOCIATE PROFESSOR:	J. GERALD McCUE, PH.D.
ASSISTANT PROFESSORS:	LILLY LORENTZ, PH.D.
	WILLIAM TAUSSIG SCOTT, PH.D.
LECTURER:	DOROTHY WRINCH, D.S.C.
ASSISTANT:	ELIZABETH THOMPSON BUNCE, A.B.
TEACHING FELLOW:	ANITA GORE, A.B.
RESEARCH FELLOWS:	HILDA HSI-TEH HSIEH, B.S.
	RUTH CULLEN SHEA, B.S.

The courses which may be taken to fulfill the distribution requirement in Group F are 11, 21, Physical Science 193, 194.

Students who enter with a unit of physics should consult a member of the Department concerning their elections in physics.

Students planning to major in physics are expected to offer three units of mathematics for entrance and are urged to take mathematics through calculus before the Junior year; some college work in chemistry is strongly advised. See also the prerequisites for Honors work.

11. Fundamentals of Physics. An introduction to the laws and properties of matter, sound, light, heat, and electricity. Lecture and discussion, three hours; laboratory, two hours. *Three hours each semester.* Lec. and discussion M T W 10, 11, 12; Lab. M, T, Th, F 2. Miss Mohler, Miss Lorentz, Miss Bunce.
12. A course for premedical students who are taking 11. Applications of the subject to biological and medical problems. One period of two hours for laboratory and discussion. *One hour each semester.* Miss Lorentz.

21. Laboratory Physics. Experiments in mechanics, sound, heat, light, electricity and magnetism. Prerequisite, 11 or, by permission of the instructor, Physical Science 193 or an entrance unit. One lecture and two two-and-one-half-hour laboratory periods. *Three hours each semester.* Lec. F 12. Lab. A, M T 2; Lab. B, Th F 2. Mr Scott, Miss Gore.

- [23a. Light. Nature of light, reflection, refraction, interference, diffraction, polarization, theory of relativity. Lectures and discussion. Prerequisite, a college course in physics or astronomy. *Three hours.* M T W 9. Miss Lorentz.]

- [27b. Photography. Study of photographic processes, including their chemical and optical theory. Prerequisite, a laboratory course in physics or chemistry. Lecture, two hours; laboratory, three hours. *Three hours.* Lec. Th F 10; Lab. T 2. Miss Mohler.]

- [28b. Introductory Aeronautics. Aerodynamics and theory of flight. Prerequisite, a year course or, by permission of the instructor, one semester of physics or an entrance unit. Lectures and experiments. *Three hours.* Th F S 11. Mr Scott.]

- 31a, 31b. Advanced Laboratory Physics. Experiments in selected fields, with emphasis on the reproduction of classical researches of recent years. Prerequisites, 21 and Mathematics 21 or 22a. Two periods of three hours each. *Three hours.* Th F 2. Miss Lorentz.

- 32a. Mechanics. Statics and dynamics of particles and rigid bodies. Lectures and problems. Prerequisite, Mathematics 21 or 22a. *Three hours.* Th 11-1. Mr McCue.
33. Modern Physics. Quantum theory of the electron, the nucleus, radiation and cosmic rays, and the theory of relativity. Prerequisites, 14, 21, or, by permission of the instructor, 11 or 22b, and Mathematics 21 or 22a which may be taken with 33. *Three hours each semester.* Th F S 9. Miss Mohler.
34. Advanced Electricity and Magnetism. Static and dynamic electricity, direct and alternating currents, magnetism and electromagnetic fields, and electronic circuits. Lectures and problems. Prerequisites, 21 and Mathematics 21 or 22a. [†]*Three hours each semester.* Mr Scott.
- 35a. Topics in the History of Physics, with special emphasis on the interrelations of physics and other developments of the periods considered. [†]*Three hours.* Mr McCue.
- [36a, 36b. Spectroscopy. Spectroscopic methods and instruments. Analysis and theory of atomic spectra; molecular spectra and structure problems. By permission of the instructor. Lectures, two hours; laboratory, three hours. *Three hours.* Lec. T W 12; Lab. T 2. Miss Anslow.]
- 37b (32b). Introduction to Mathematical Physics. The application of mathematical methods to the study of vibration, wave motion, and conduction of heat. Lectures and problems. Prerequisite, Mathematics 21 or 22a. *Three hours.* Th F 11 and one hour to be arranged. Mr McCue.
- 41a, 41b. Special Studies. For qualified Seniors by permission of the Department. [†]*Two or three hours.*
- 43a (formerly 43). Introductory Biophysics. Applications of the principles and techniques of physics to biology and medicine, including the effects of radiation, problems of vision, hearing, nerve conduction. For students majoring in physics, biology, biochemistry, or related fields who have had at least one laboratory course in physics and in zoology. Lectures and discussion, two hours; laboratory, three hours. [†]*Three hours.* Miss Mohler.
- 45a. Physical Crystallography. Diffraction of X-rays by crystals; Bragg's law; types of symmetry; some fundamental crystal analyses. Prerequisites, 11 and Mathematics 21 or 22a. [†]*Three hours.* Miss Wrinch.
- [46b. Thermodynamics. A discussion of the laws of thermodynamics, entropy, and the behavior of ideal and real gases. Prerequisites, 11 and Mathematics 21 or 22a. [†]*Three hours.* Miss Lorentz.]
- 50, 50a, 50b. Research and Thesis. *Three or six hours.*
- 51a, 51b. Special topics in such fields as sound, light, electricity and magnetism, thermodynamics, and kinetic theory. [†]*Two hours or more.*
- 52a, 52b. Selected problems assigned for investigation, experimental work, and discussion. [†]*Three hours or more.*
- 53a, 53b. Classical Theoretical Physics. [†]*Three hours.*
- 54a, 54b. Introduction to Quantum Mechanics. [†]*Three hours.*
- 55a, 55b. Seminar in Nuclear Physics. [†]*Two hours or more.*

59a. Structure of Large Molecules. Physics, chemistry, and geometry of biologically active molecules. *†One hour or more.* Miss Wrinch.

Adviser of graduate study: Miss Anslow.

THE MAJOR

Advisers: Miss Mohler, Miss Lorentz.

Based on 11, 14, 21, or, by permission of the Department, on 22a and 22b or on Physical Science 193.

Essential Courses: 21 if not already taken, and at least one semester of 31a, 31b; Mathematics 21 or 22a. At least twelve semester hours in physics must be above Grade II.

Beginning with the Class of 1951 students may count within the eighteen hours of Grade III courses six hours in courses of the same Grade in mathematics.

Optional Courses: other courses in physics and mathematics above Grade I and courses in astronomy, chemistry, and geology with the approval of the adviser.

In addition to the essential courses, each student is expected to receive instruction in shop techniques in a two-hour period for one semester.

Honors

Director: Mr Scott.

Prerequisites: one year of college physics, Mathematics 12 or 13, *and* Physics 21 or Mathematics 21 or 22a. One or two other courses in mathematics, physics, or chemistry, and reading knowledge of French and German are advised.

Program:

Essential Courses: 33 and the Honors paper. Mathematics 21 or 22a if not already taken.

Optional Courses: other physics courses above Grade II; advanced courses in other sciences chosen in consultation with the director; a review unit.

Examinations: written examinations covering theoretical and experimental phases of the subject in classical physics, modern physics, and in the field of specialization.

PSYCHOLOGY

PROFESSORS: WILLIAM SENTMAN TAYLOR, PH.D., *Chairman*

†HAROLD EDWARD ISRAEL, PH.D.

ASSOCIATE PROFESSORS: JAMES JEROME GIBSON, PH.D.

†ELSA MARGAREETA SIIPOLA, PH.D.

ANNELES ARGELANDER ROSE, PH.D.

ASSISTANT PROFESSORS: ELEANOR JACK GIBSON, PH.D.

MIRIAM EUGENIA CROWLEY, PH.D.

INSTRUCTOR: FREDERICK NORMAN DIBBLE, A.M.

MIRIAM WALDRON BRAINARD, A.B.

TEACHING FELLOWS: MIRIAM ILGOVSKY LEVETON, B.A.

PRISCILLA ELIZABETH DATTMAN, A.B.

The courses which may be taken to fulfill the distribution requirement in Group G are 11, 12. If a student is considering a major in the Department 11 is advised. Students who plan to enter social work should consult their major advisers regarding desirable courses.

11. General Psychology. Systematic treatment of the characteristics of human nature. Application of fundamental principles to problems in motivation, learning, perception, thinking, and personality. Laboratory work is designed to provide experimental verification and illustration of facts and theories. Not open to students who have taken or are taking an introductory course in psychology. Two lectures, one recitation, and one two-hour laboratory period. *Three hours each semester.* Lec. M T 12. Rec. W 12, 2; Th 10, 11, 2, 3; F 9. Lab. T 2; W, Th 9, 11, 2; F 9. Mr Israel, Mrs Gibson, Miss Crowley, Mr Dibble, Mrs Brainard, Mrs Leveton, Miss Dattman.
12. General Psychology. Outline of the field and methods of psychology; basic facts and theories, including such topics as motivation, learning, perception, thinking, and personality. Not open to students who have taken or are taking an introductory course in psychology. *Three hours each semester.* M T W 9, 10; Th F S 9, 10. Mr Taylor, Mrs Rose, Mrs Gibson.
21. Introductory Experimental Psychology. For students who have had an introductory nonlaboratory course in psychology. Two hours of laboratory. Two hours (M T 12) of lecture may be required of advanced standing students. *One hour each semester.* T 2-4. Mrs Gibson.
- 24a. Child Psychology. Mental development of the child from birth to puberty. Prerequisite, 11 or 12. *Three hours.* Lec. Th F 11. Rec. F 12, S 11. Mrs Rose.
- 24b. Psychology of Adolescence. Mental development of the adolescent from puberty to maturity. Prerequisite, 11, 12, or by permission of the instructor. *Three hours.* Lec. Th F 11; Rec. F 12, 2, S 11. Mrs Rose.
- 25 (25a). Social Psychology. Psychological problems and concepts basic to the social sciences, including such topics as communication, propaganda, rivalry and co-operation, and the social patterning of motives. Prerequisite, 11 or 12. *Three hours each semester.* Th F S 10. Mr Gibson.
- 31a (311b). Survey of Experimental Psychology. Basic experimental evidence and chief techniques of normal human adult psychology. Lectures, demonstrations, and classroom experiments. Prerequisite, 11 or 21. *Three hours.* Th 2-4 F 2. Mr Gibson.
- 31b. Projects in Experimental Psychology. Investigation of selected experimental problems. Discussion, conferences, and supervised research. Prerequisite, 31a or by permission of the instructor. About six hours of laboratory. *Three hours.* Th F 2-4 and two hours of individual experimentation. Mr Gibson.
- 32a. History of Psychology. Origin and development of the principal problems of psychology, with emphasis upon the influences of various schools of psychologists. Prerequisite, six semester hours in psychology. *Three hours.* M T W 10. Mr Israel.
- [32b. Systematic Psychology. Critical examination of the subject matter and concepts of psychology as treated in current systems. Prerequisite, 32a. *Three hours.* M T W 10. Mr Israel.]
- [37b. Psychology of Personality. Study of the psychological organization of the adult personality, with emphasis upon individuality rather than generalized human nature. Basic concepts and theories; experimental and clinical techniques

of investigation; development of adult personality-structure. Prerequisite, 11 or 12. Open to Sophomores by permission of the instructor. *Three hours.* W Th F 2. Miss Siipola.]

38a. Introduction to Mental Measurement. Nature of individual differences and theory and principles of their measurement; theories of intelligence; principles and problems in the construction and interpretation of tests. Prerequisite, 11 or 12. *Three hours.* M T W 9. Miss Crowley.

38b. Mental Tests in Clinical Practice. Supervised practice in the giving, scoring, and interpretation of group and individual tests. Analysis of response-patterns of various clinical groups. A minimum of two hours of practice testing in addition to classwork will be required. Prerequisite, 38a. *Three hours.* M T W 9. Miss Crowley.

39b. Industrial Psychology. Psychology of employers, employees, and consumers in regard to production, distribution, and consumption. An optional visit to a near-by factory. Prerequisites, 11 or 12 and permission of the instructor. *Three hours.* M T W 12. Mr Taylor.

41a, 41b. Special Studies. Problems not specifically dealt with by other courses in psychology, such as research problems in experimental psychology, advanced psychology of language, special problems in child psychology, and mental tests. For qualified Seniors by permission of the Department. *†Two or three hours.*

[43b. Comparative Psychology (seminar). Evolution of behavior, with emphasis on discrimination, motivation, and modifiability. Reports on special problems such as infrahuman social behavior, the experimental neurosis, inheritance of behavior traits. *†Three hours.* Mrs Gibson.]

44b. Child Psychology (seminar). Selected problems, reports, and discussion. Prerequisite, 24a. *†Three hours.* Mrs Rose.

45a (451b). Social Psychology (seminar). The socializing of the individual considered as a psychological process. Reports and discussion. Prerequisite, 25 or by permission of the instructor. *†Three hours.* Mr Gibson.

[45b. Experimental Projects in Social Psychology (seminar). Prerequisite, 25 or 31a. *†Three hours.* Mr Gibson.]

46. Abnormal Psychology and Mental Hygiene. Everyday mental abnormalities and various disorders in relation to psychological theory and application. Two optional visits to near-by hospitals. For Seniors who have passed 11 or 12, and are majoring in psychology, education, sociology, or premedical science, or by permission. *Three hours each semester.* M T W 3. Mr Taylor.

[47a. Psychology of Personality (seminar). Intensive study of projective techniques of investigating personality. Supervised practice with standard techniques. Prerequisite, 37b. *Three hours.* Th 2-4. Miss Siipola.]

Graduate Courses

50, 50a, 50b. Research and Thesis. *Three or six hours.*

51a, 51b. Advanced Studies. Similar to 41a and b. *†One hour or more.*

52a, 52b. Seminar in Current Psychological Problems. Also for Senior Honors students by permission. *†One hour or more.*

- 56. Abnormal Psychology.** Students will be required to attend the lectures in 46. Not open to students who have taken 46. *†Three hours each semester.* Mr Taylor. Adviser of graduate study: Mr Gibson.

THE MAJOR

Advisers: members of the Department.

Based on 11 or 12. If the major is based on 12, 21 must be taken in Sophomore year, or in Junior year in addition to the major.

Essential Courses: eighteen semester hours in psychology with three additional hours, which may be taken in Sophomore year, beyond 11 or 21. Six hours must be taken from 24a, 31a, 31b, 32a, 32b, 43b. Courses from this list taken in Sophomore year may be counted toward this special requirement.

Optional Courses: other courses in psychology and courses in related subjects approved by the Department.

Honors

Director: Mrs Gibson.

Prerequisites: 11 or 12 and 21. Courses in zoology, physics, and German are useful as background.

Program: nine hours from 31a, 31b, 32a, 32b, twelve in other psychology courses, and six devoted to a long paper and review; nine additional hours in psychology or related subjects.

Examinations: one in general experimental and theoretical psychology; one on other fields of psychology; one a more specialized type.

RELIGION AND BIBLICAL LITERATURE

PROFESSOR: S. RALPH HARLOW, PH.D.

ASSOCIATE PROFESSORS: MARGARET BRACKENBURY CROOK, B.A.

VIRGINIA CORWIN, B.D., PH.D.

WILLIAM ARMISTEAD CHRISTIAN, PH.D., *Chairman*

ASSISTANT PROFESSOR: WILLIAM GRAHAM COLE, A.B., B.D., Chaplain

The courses which may be taken to fulfill the distribution requirement in Group A are 11, 39; in Group C, 14, 31a, 31b, 35a, 35b.

11. Introduction to the Bible. Narratives and poems covering creation, fall, patriarchs, judges, kings. The Great Prophets and lawgivers. Proverbs and Job. Jesus, Paul, and their teachings; Gospels, Acts, and other books of the New Testament. *Three hours each semester.* Th F S 9. Miss Crook, Miss Corwin.

14. Introduction to the Study of Religion. Teachings of contemporary Judaism, Roman Catholicism, and Protestantism. Problems presented by scientific thought, nationalism, and industrialized society. Survey of certain important religious ideas. For Freshmen and Sophomores only. *Three hours each semester.* Lec. Th 10. Rec. (for Freshmen) Th F 3, F S 10; (for Sophomores) Th F 2, F S 10. Miss Corwin, Mr Christian.

[**25a. Greek New Testament.** Prerequisite, Greek 11, 11b, or the equivalent. *†Three hours.*]

- [26a. The Literary History of the Bible from earliest scriptural collections through the history of the great translations. Prerequisite, one year of Bible studies in college. *Three hours.* M T 4 and one hour to be arranged. Miss Crook.]
- 27a. Social Teachings in the Bible, with special reference to the major prophets and Jesus. Recommended for students who intend to take 37. *Three hours.* M T W 11. Mr Harlow.
- 27b. Life and Teachings of Paul. *Three hours.* M T W 11. Mr Harlow.
- 28b (28a). Contemporary Judaism. Its religious and social background, and its contribution to Christianity and democracy. *Three hours.* M T W 3. Mr Harlow.
- [29. Hebrew. Elementary course with readings from narratives of the Old Testament. *Three hours each semester.* M T W 10. Miss Crook.]
- 31a. History of Christian Thought through the Middle Ages. The early church fathers, Augustine, and medieval scholasticism. *Three hours.* M T W 10. Mr Cole.
- 31b. History of Christian Thought since the Middle Ages. Classical Protestant thought. Influence of science, philosophy, and historical study: criticism and reconstruction. Developments in Catholic thought. *Three hours.* M T W 10. Mr Cole.
- 32b. Religion in America. Religious thought, institutions, and movements as they have developed in American life. *Three hours.* M T W 9. Mr Christian.
34. Contemporary Religious Thought. A critical study of some important problems and movements. *Three hours each semester.* M T W 11. Mr Christian.
- 35a. History of Religions. Hinduism, Buddhism, Confucianism, and Shinto: their thought, institutions, and religious literature. *Three hours.* Th F S 11. Miss Corwin.
- 35b. History of Religions. Judaism, Christianity, and Islam: great men, characteristic teachings and institutions, relations to each other and to Western culture. *Three hours.* Th F S 11. Miss Corwin.
- 36a. Problems of the Individual in the Bible: his rewards and sufferings, his search for mediation between God and man, based on such books as Jeremiah, Job, the Fourth Gospel, Ephesians. *Three hours.* M T W 9. Miss Crook.
37. American Social Problems. Modern international and race relationships. An examination of these problems and their significance for the world tomorrow. The contribution of religion to their solution. *Three hours each semester.* T 4 and T W 9 or 12. Mr Harlow.
39. The Prophets and Jesus. The prophets and other closely related writers of the Old Testament. Jesus, his teachings; ways in which Paul and other New Testament writers interpret him. Not open to students who have taken 11, 16, or 22. *Three hours each semester.* Th F S 10. Miss Crook.
- 41, 41a, 41b. Special Studies. For qualified Seniors by permission of the Department. †*Two or three hours.*
- 50, 50a, 50b. Research and Thesis. *Three or six hours.*
- 51a, 51b. Advanced Studies. †*One hour or more.*
- Adviser of graduate study: Mr Christian.

THE MAJOR

Advisers: Miss Crook, Mr Christian.

Based on 11 or 14.

Essential Courses: at least eighteen semester hours in religion, including six in Biblical studies (three for those who have taken 11) and six in history of religion or religious thought.

Optional Courses: other courses in religion and related courses approved by the adviser.

Honors

Director: Miss Crook.

Prerequisite: 11 or 14.

Program: in Junior year six semester hours in courses or units in Biblical studies and six in history of religion or religious thought; in Senior year one unit for the preparation of the paper and one for review. The greater portion of the work will be in units and courses in the Department, with work in related fields approved by the director.

Units will be conducted by means of regular conferences and special reading, and will usually be planned in conjunction with existing courses.

Examinations: one in a selected field of concentration; one in the general field of the major; one oral.

Units

Studies in the Old Testament. Miss Crook.

Studies in the New Testament. Miss Crook.

History of Christian Thought.

Judaism. Mr Harlow.

The Function of Religion in the Development of Society. Mr Harlow.

History of Religion. Miss Corwin.

RUSSIAN LANGUAGE AND LITERATURE

PROFESSOR: HELEN MUCHNIC, PH.D., *Chairman*

ASSISTANT PROFESSOR: CATHERINE A. PASTUHOVA, PH.D.

The courses which may be taken to fulfill the distribution requirement in Group A are 23, 26, 35a, 35b.

11D. Elementary Course covering the work of two years. *Six hours each semester.* M T W 10 Th F 9 and W 3. Mrs Pastuhova.

21D. Intermediate Course. Prerequisite, 11D or the equivalent. *Six hours each semester.* M 3 T W Th F 2 and one hour to be arranged. Mrs Pastuhova.

23. Literature of the Nineteenth Century. Development of Russian realism. Study of some typical works of Pushkin, Lermontov, Gogol, Turgenev, Dostoevsky, and Tolstoy, with discussion of important trends in social and aesthetic ideas which they represent. Conducted in Russian. Prerequisite, 21D or the equivalent. *Three hours each semester.* M T W 12. Miss Muchnic. (L)

31. Advanced Course. Reading from classical and Soviet literature, with emphasis on roots and structure of the language, based on the history of Russian civi-

lization. Prerequisite, 21D or by permission of the instructor. *†Three hours each semester.* Mrs Pastuhova. (L)

LITERATURE IN TRANSLATION

[26. History of Russian literature from the beginnings to the Revolution. To alternate with 35a and b. *Three hours each semester.* M T W 9. Miss Muchnic.]

35a. Pushkin and Gogol. *Three hours.* M T W 10. Miss Muchnic.

35b. Tolstoy and Dostoevsky. *Three hours.* M T W 10. Miss Muchnic.

42b. Russian Literature since the Revolution. *†Three hours.* Miss Muchnic.

41, 41a, 41b. Special Studies. For qualified Seniors by permission of the Department. *†Two or three hours.*

Students who wish to major in Russian or in Russian Civilization should consult Miss Muchnic.

SOCIOLOGY

PROFESSOR: GLADYS EUGENIA BRYSON, PH.D., *Chairman*

ASSOCIATE PROFESSORS: NEAL BREAULE DE NOOD, PH.D.

MARGARET ALEXANDER MARSH, A.M.

CHARLES HUNT PAGE, PH.D.

LECTURER: FLORENCE ROBERTS DAY, M.SC. (SOC. ADMIN.), Director of the Smith College School for Social Work

INSTRUCTOR: BERNARD BARBER, PH.D.

TEACHING FELLOW: BONNIE BEVAN EPSTEIN, A.B.

The courses which may be taken to fulfill the distribution requirement in Group E are 26, 34a, 34b, Social Science 192.

Students planning to major or to do Honors work in sociology are advised to select from the following: Psychology 11, 12, 25; Zoology 11, 12; Economics 21; Government 11, 21; History 11, 13, 29; Philosophy 11, 22, 24.

Students who plan to enter the field of social work should consult their major advisers regarding desirable courses.

Unless otherwise indicated the prerequisite for Grade III courses is 26, Social Science 192 and 27b, or permission of the instructor.

26. Introduction to the Study of Society. *Three hours each semester.* Lec. M T 10. Rec. W 10, 11; Th 10, 12, 2; F 11. Mr Page, Mr Barber, Mrs Epstein.

27b. Principles of Sociology. For students who have passed Social Science 192 and who plan to take advanced work in sociology. Open to other Sophomores and Juniors by permission of the Department. *Three hours.* W Th F 2. Mrs Marsh.

31a. Urban Sociology. Theoretical and practical problems of urbanization. Optional field trip. *Three hours.* W Th F 2. Mr Barber.

32a. Social Disorganization. Theory of social disorganization; delinquency, crime, and related problems. *Three hours.* Th F S 9. Mr De Nood.

- 32b. Social Disorganization. Mental deficiency and pathology; economic insufficiency. Optional field trip. *Three hours.* Th F S 9. Mr De Nood.
- 33b. Social Anthropology. Life and thought of nonliterate peoples; cultural adaptation and change. *Three hours.* M T W 11. Miss Bryson.
- 34a, 34b. Expansion of Western Culture. Cultural consequences of modern imperialism. *Three hours.* Th F S 10. Mrs Marsh.
- 35a. The Modern Family. Current concerns regarding the family; changing laws and attitudes; shifting and permanent values. For Seniors without prerequisite; for Juniors with prerequisite as stated above. *Three hours.* M T W 11. Miss Bryson.
- 36a. Advanced Sociological Theory. Foundations of contemporary sociology; European influences and current schools of American thought. *Three hours.* M T W 12. Miss Bryson.
- 36b (38b). Advanced Sociological Theory. Further development of social theory: Durkheim, Simmel, Pareto, Weber, Mannheim. *Three hours.* Th F S 11. Mr De Nood.
- [37b (37a). Population. Trends of population change, with particular reference to national and international problems. *Three hours.* W Th F 2.]
- 38a. The Sociology of Social Planning. An inquiry into the present status of various kinds of social planning. *Three hours.* Th F S 11. Mr De Nood.
- 39b. Social Work in the American Community. Development and organization of modern social services under voluntary and governmental auspices; the basic processes of social practice, casework, group work, and administration; social welfare planning. Prerequisite, the introductory course in economics, government, psychology, or sociology. *Three hours.* Th F S 10. Miss Day.
- 311b. Class and Caste in American Society. Major theories and their application to the American scene; examination of current research. *Three hours.* M T W 3. Mr Page.
- 41, 41a, 41b. Special Studies. For qualified Seniors by permission of the Department. †*Two or three hours.*
- 43b. Seminar in Techniques of Social Research. Surveys, questionnaires, interviews, case studies, communications research. Prerequisites, first semester of Economics 38 or Psychology 38a, and permission of the instructor. †*Three hours.* Miss Bryson.
- 44 (44b). Seminar in Social Institutions. Structure, functions, dynamics, and integration of contemporary institutions. By permission of the instructor. †*Three hours each semester.* Mr De Nood.
- 45a. Seminar in Changing Social Organization. The changing relations of the individual and groups in modern societies; problems of democratic processes. By permission of the instructor. *Three hours.* T 7:30. Mr Page.
- 47b. Interdepartmental Seminar in Economics, Government, and Sociology: for 1948-49, Common Problems of the Social Sciences: comparison of postulates and techniques. By permission of the director, Mr Orton. †*Three hours.* Miss Bryson, Miss Kenyon.

50, 50a, 50b. Research and Thesis. *Three or six hours.*

51, 51a, 51b. Special Advanced Studies. *†One hour or more.*

Adviser of graduate study: Miss Bryson.

THE MAJOR

Advisers: Miss Bryson, Mr De Nood, Mr Page.

Based on 26, or on Social Science 192 and Sociology 27b.

Essential Courses: eighteen semester hours above Grade II in sociology including 36a and b.

Optional Courses: other courses in sociology; appropriate courses in allied departments as approved by the adviser.

Majors may spend the Junior year abroad if approved by the Department and the appropriate committee. Attention should be given early to the language requirements involved for the several groups.

Honors

Director: Mr Page.

Prerequisite: 26 or Social Science 192 and Sociology 27b. Candidates are urged to take introductory courses in two or more of the following departments: economics, government, history, philosophy, psychology.

Program: units, seminars, and courses, including six hours in advanced sociological theory, preferably in Junior year; six hours for a long paper in first semester of Senior year; three hours for directed reading and review in the second; and twelve additional hours in sociology.

Examinations: one in theory and two in fields of concentration which may also include sociological theory.

Units

American Sociological Theory. Miss Bryson.

European Sociological Theory. Mr De Nood.

Expansion of Western Culture. Mrs Marsh.

Social Stratification. Mr Page.

Social Anthropology. Miss Bryson.

The units will count for three or six hours each.

Other units may be offered upon request.

SPANISH AND PORTUGUESE LANGUAGES AND LITERATURES

- PROFESSOR: RUTH LEE KENNEDY, PH.D.
- ASSOCIATE PROFESSORS: ELIZABETH ANDROS FOSTER, PH.D.
MIGUEL ZAPATA Y TORRES, PH.D.
- †KATHERINE REDING WHITMORE, DOCTORA DE LA UNIVERSIDAD DE MADRID
HELEN JEANNETTE PEIRCE, A.M.
- ASSISTANT PROFESSORS: †JUSTA ARROYO LÓPEZ-REY, A.M.
ESTHER BERTHA SYLVIA, D.M.L., *Chairman*
VICENTE GAOS, LICENCIADO EN FILOSOFÍA Y LETRAS
- INSTRUCTORS: JOAQUINA NAVARRO, A.M.
MELBA MANERO, DOCTORA EN FILOSOFÍA Y LETRAS
DENAH LEVY, A.M.

The courses which may be taken to fulfill the distribution requirement in Group A are 25, 26.

Students planning to take the Spanish or the Latin-American major, who have entered with only two units of an inflected language, will be required to take Latin 12a, Greek 12a, or six hours of the classics in translation: Greek 18a, Latin 18b, 28. The following additional preparation is recommended for those intending (1) to major in Spanish: Latin 14a and b, a reading knowledge of French or Italian, English 21, History 11 or 13; (2) to do Honors work: Latin 14a and b, a reading knowledge of French, History 325a and b or the equivalent, a general knowledge of English literature.

PORTUGUESE

21. Elementary Portuguese. Prerequisite, two years of Spanish or by permission of the instructor. *Three hours each semester.* Th F S 9. Miss Peirce.
[22a, 22b. Reading of Modern Portuguese Prose. Prerequisite, 21. †One hour. Miss Peirce.]

SPANISH

A. Language

11. Elementary Course. *Three hours each semester.* M T W 11, Th F S 9, 10. Members of the Department.
- 11D. Elementary Course, covering the work of two years. *Six hours each semester.* M T W Th F S 9, 11, 12. Members of the Department.
12. Intermediate Course. Grammar review and reading of modern prose. Prerequisite, two units in Spanish or 11. *Three hours each semester.* M T W 9, 10; Th F S 9, 11. Members of the Department.
21. Prose Composition. Prerequisite, four units in Spanish, 11D, 12, 16, or by permission. *Three hours each semester.* W Th F 2. Miss Foster, Miss Levy.
- 31a. Advanced Prose Composition. Prerequisite, 21. *Three hours.* Th F S 10. Mr Zapata.
[32a. Teachers' Course. Review of Spanish grammar. Discussion of methods. Practice teaching. †Three hours. Miss Kennedy.]

33a, 33b. Advanced Translation into English. The material to be translated will be taken from current publications, letters, technical articles. *Three hours.* Th F S 12. Miss Foster.

B. Conversation

13a. Conversation. For students who are taking 11 or 11D. Two class hours. *One hour.* M T 2. Miss Navarro.

13b. Conversation. For students of 11 who have taken 13a; students who are taking 11D, 12, or 16 may enter this course. Two class hours. *One hour.* M T 2.

C. Literature

The prerequisite for courses of Grade III in this Division is 25, 26, or permission.

16. Reading of texts to form a basis for a study of some aspects of Spanish life and culture. Prerequisite, three units in Spanish. *Three hours each semester.* M T W 10; Th F S 10, 11. Members of the Department. (L)

25. Reading of Modern Novels and Plays. Prerequisite, four units in Spanish, 11D, 12, 16, or by permission. *Three hours each semester.* M T W 11; Th F S 9, 12. Members of the Department. (L)

26. Survey of Spanish Literature. Lectures in Spanish; collateral reading in English and Spanish. Prerequisite, four units in Spanish, 11D, 12, 16, or by permission. *Three hours each semester.* M T W 11. Miss Sylvia. (L)

34a. Prose Literature of the Seventeenth Century. Cervantes, *Don Quijote* in part, and some of the *Novelas ejemplares*. *Three hours.* M T W 12. Mr Gaos.

34b. Dramatic Literature of the Seventeenth Century. *Three hours.* M T W 12. Miss Kennedy.

[**35b.** Spanish Culture and Civilization. *Three hours.* M T W 2.]

36a, 36b. Spanish Literature of the Nineteenth Century. 36a, the essay; 36b, the novel. To alternate with 37a and b. *Three hours.* M T W 11. Mr Gaos.

[**37a, 37b.** Spanish Literature of the Nineteenth Century. 37a, the drama; 37b, poetry. To alternate with 36a and b. *Three hours.* M T W 10.]

38b. Masterpieces of Spanish Literature to the beginning of the seventeenth century: *Poema del Cid, Libro de buen amor, La Celestina*, etc. *Three hours.* Th F S 10. Mr Zapata.

310a, 310b. South American Literature. A study of representative works and authors from the colonial period to the present. It is strongly recommended that History 13 or 325a and b be taken by students electing the course. *Three hours.* M T W 2. Miss Peirce.

41, 41a, 41b. Special Studies. For qualified Seniors by permission of the Department. [†]*Two or three hours.*

D. Graduate Courses

Students who wish to do graduate work in the Department are required to have a knowledge of Latin.

50, 50a, 50b. Research and Thesis. *Three or six hours.*

51, 51a, 51b. Advanced studies in Spanish literature, arranged in consultation with the adviser of graduate study, on subjects such as poetry of the golden age, Cervantes, Tirso and the Spain of his epoch, nineteenth- and twentieth-century prose. *†Three hours.*

52. History of the Spanish Language. *†Three hours each semester.* Mr Zapata.

53a or b. Spanish Bibliography and Literary Methods. *†Three hours.* Miss Kennedy.

Adviser of graduate study: Miss Kennedy.

THE MAJORS

Adviser: Mr Zapata.

A. The Spanish Major

Based on 11D, 12, or 16.

Essential Courses: from Division A, 21 and 31a; from Division C, 34a and b.

Optional Courses: other Spanish courses above Grade I.

With the consent of the adviser a student may substitute for one course in the major subject a closely related course in another department.

B. The Latin-American Major

Based on 11D, 12, or 16.

Essential Courses: 26, 310a, 310b; History 325a and b.

Optional Courses: 21, 31a, any Grade III course from Division C; Portuguese 21, 22a and b; History 420b; Geology 32b; Sociology 34b; with the consent of the adviser any course of Grade III or IV treating some phase of Latin-American civilization.

Honors

Director: Mr Zapata.

Prerequisites: 11D or the equivalent; 25 or 26 and, if possible, 21.

Program:

Minimum requirement: one unit in language in first semester of Junior and Senior years; a paper and review in Senior year.

Optional courses or units to be selected in consultation with the director.

Examinations:

1. In Spanish: to test ability to use the language.

2. In English: (a) on the whole field; (b) on a special field; (c) on a great writer *not of the special field.*

Units

Juan Ruiz; Garcilaso de la Vega; Cervantes; Lope de Vega; Tirso de Molina; Larra; Galdós; Unamuno.

SPEECH

PROFESSOR: **VERA A. SICKELS, A.M., *Chairman*
ASSOCIATE PROFESSOR: LIZBETH R. LAUGHTON, B.A.
VISITING LECTURERS: CLARENCE V. HUGDINS, PH.D.
ROBERT FORSYTHE YOUNG, A.M.
INSTRUCTOR: CHARLOTTE HACKSTAFF FITCH, A.B.

A survey of the speech of Freshmen and advanced standing students is made at a stated time during their first year. The individual tests are designed to show not only speech difficulties and defects but also creative and artistic ability. On the basis of the test each student is advised concerning courses which should best suit her own needs. Students found to have difficulties such as careless articulation, lack of force, unpleasant voice quality, inability to read aloud or speak effectively are urged to avail themselves as soon as possible of the opportunity offered for overcoming these handicaps.

11, 12b, 13, or 14 is the prerequisite for courses above Grade I.

11. General Course. Practical and theoretical course including elementary voice science, applied phonetics as a basis for analysis of speech sounds and pronunciation, practical individual training in improving voice quality and developing distinct articulation, and the theory and practice of effective reading and speaking before an audience. *Three hours each semester.* M T W 12; Th F S 10, 11. Members of the Department.
- 12b. A one-semester general course. *Three hours.* M T W 12. Mr Young.
13. Fundamental course: Public Speaking. A course similar to 11, with emphasis on public speaking. *Three hours each semester.* M T W 11. Mr Young.
14. Fundamental course: Drama. A course similar to 11 for students whose main interest is in the field of drama. By permission of the instructor for those students who have had some previous training or are otherwise qualified. *Three hours each semester.* M T W 9, Th F S 11. Miss Laughton.
21. Oral Interpretation of Literature. Study of various types of literature for oral presentation, with emphasis on poetry, narrative prose, and poetic drama. *Three hours each semester.* M T W 11. Miss Sickels, Miss Fitch.
- 22a, 22b. Voice Training. Practical course in the development of voice. *One hour.* Th 12. Miss Sickels, Miss Fitch.
- 23a, 23b. Public Speaking. Organization and delivery of various types of speeches for formal and informal occasions. *†Three hours.* Mr Young.
- 25a, 25b. Play Reading. Individual and group practice in the interpretation of lines and scenes from the main periods of dramatic literature. *Three hours.* M T W 10. Miss Sickels, Miss Laughton.
28. Phonetics for Foreign Students. Formation of English speech sounds, their distribution in connected speech, stress, intonation, and rhythm. *†Two class hours.* *One hour each semester.* Miss Laughton.
- 31 (31a, 31b). Radio. Preparation and production of radio programs: plays, interviews, talks, and news reporting. Four class hours to be chosen from M T W Th F 4-6. *Three hours each semester.* Miss Fitch.

34. Presentation of Dramatic Material. Principles of stage action, pantomime, and style and manner of delivery, through acting and directing scenes from plays of various types and periods. *Three hours each semester.* M T W 12. Miss Laughton.

[**35a, 35b (35).** Advanced Play Reading. Analysis of character, structure, rhythm, and mood of plays from modern drama, including Ibsen, Shaw, and O'Neill. Prerequisite, 21, 25a, or 25b. *Three hours.* M T W 10. Miss Laughton.]

[**38b.** Advanced Oral Interpretation. Children's literature. Selection and evaluation of material suitable for story-telling, poetry reading, choral speaking, and dramatization. Prerequisite, a fundamental course in speech or by permission of the instructor. *Three hours.* Th 4-6 and a practice hour to be arranged. Miss Sickels.]

41a, 41b. Special Studies. For qualified Seniors by permission of the Department. †*Two or three hours.*

[**44a, 44b.** Acting. Laboratory presentation of directed scenes from contemporary drama for practice in the analysis and creation of characters. Prerequisite, 34 or the equivalent. Four class hours. *Three hours.* Th F 10-12 or 11-1. Miss Sickels.]

48a (48). Teachers' Course. General review, with special reference to the pedagogy of voice and speech. Observation and directed practice teaching. Prerequisites, 21 and one other course in speech above Grade I. For graduate students by permission. †*Three hours.* Miss Sickels.

58a. Experimental Phonetics. The methods and subject matter of experimental phonetics and its application in speech teaching and speech correction, with special reference to the speech of the deaf. Prerequisites, a fundamental course in speech and Physics 11 or Psychology 11, or by permission of the instructor. †*Three hours.* Mr Hudgins.

THEATRE

PROFESSOR: **HALLIE FLANAGAN DAVIS, A.M., L.H.D., *Director*

TECHNICAL DIRECTOR: DENTON M. SNYDER, M.A., *Acting Director*

ASSOCIATE PROFESSORS: EDITH BURNETT, B.S. (Dance)
FRANK DAY TUTTLE, M.F.A.

VISITING LECTURER: ²JOHN REICH, PH.D.

INSTRUCTOR: BONNIE BIRD (Dance)

TEACHING FELLOW AND

TECHNICAL ASSISTANT: SARAH ANDERSON RICHARDS, A.B.

TEACHING FELLOWS: MARJORIE LOUISE BONSTEIN, A.B.
ALICE MARIE MASTNY, B.F.A.
ROBERT PERRETON SHAW, A.B.

The courses which may be taken to fulfill the distribution requirement in Group B are 11a, 11b.

11a. Introduction to Theatre. The place of the theatre in the life of man and in the art and society of his time. Analysis of basic elements of theatre: play, direc-

tion, acting, design. Lectures and discussion. *Three hours.* M T W 11. Mr Tuttle and members of the Department.

11b. Introduction to Theatre. Origin, development, and relation of drama to theatrical conditions of various periods. Lectures and discussion. *Three hours.* Hours and instructors as in 11a.

12. Fundamentals of Movement for Acting and Dance. *One hour each semester.* Lec. W 10 or 2; one supervised practice hour to be arranged. Miss Burnett.

22. Survey of Dance. Technique, history, rhythmic analysis, and composition. By permission of the instructor in charge. *Three hours each semester.* Lec. W 9; four supervised practice hours to be arranged. Miss Burnett and Miss Bird.

31. Play Production. Study and laboratory work necessary for presentation of several productions a year, illustrating co-ordination of writing, acting, design, and stagecraft, accompanied by classwork in these fields. For Juniors taking the major; for others by permission of the Department. *Six hours each semester.* M T W 2-4. Mrs Davis, Mr Snyder, Mr Tuttle, Mr Reich.

[33. Principles and Technique of the Documentary Film. Lectures and discussion in connection with the showing of documentary films from the Museum of Modern Art and elsewhere. The writing and production of a short, one-reel film. Open to Juniors and Seniors in the Department; to others by permission of the Department. *Three hours each semester.* T 5 Th 2-4. Mrs Davis, Mr Snyder, and outside lecturers.]

[35b. Script Editing for the Stage. A study of special forms of dramatic composition: the "living newspaper" and the film script, with practice in writing scripts and in preparing them for production. *†Three hours.*]

41, 41a, 41b. Special Studies. Acting, directing, lighting, design, playwriting, choreography. For qualified Seniors by permission of the Department. *Two or three hours.* W 2-4 or by special arrangement.

42a, 42b (32a, 32b). Radio. Study and practice in the preparation and production of radio scripts. Prerequisite, Speech 31. *†Three hours.* Mr Tuttle.

43. Advanced Play Production. A course in which students will continue their studies in theatre, and will work in an apprentice relationship with the producer in staging the Department's season of plays. For theatre majors. Prerequisite, 31. *Three hours each semester.* T 2-4 and a second period as arranged. Mrs Davis and members of the Department.

60. Research and Thesis. *Three or six hours.*

51, 51a, 51b. Advanced studies arranged in consultation with the Department. *†One hour or more.*

62. Rehearsal and Production. Theory and practice on department productions; advanced work in direction, acting, lighting, and stage design. *Three or six hours each semester.*

INTERDEPARTMENTAL MAJOR

Advisers: Mrs Davis and members of the Department.
Based on 11a and b.

Essential Courses: 31 and 43; Speech 11 or 14; Theatre 12 or 22. It is advisable for students to have met the speech and dance requirements by the end of Sophomore year.

In addition at least six hours from the following: Theatre 35b, 42a, 42b; English 312a, 345a, 345b; Speech 25a, 25b, 34, 35a, 35b, 44a, 44b; or courses in other departments approved by the adviser.

Honors

Director: Mrs Davis or a designated member of the Interdepartmental Major staff. Prerequisites: see the requirements for entrance to the major.

Program: the requirements will consist of (1) Junior year, 31; Senior year, 43.

Students may combine this basic work with courses totaling at least fifteen hours in art, English, languages, music, speech, theatre, or any other field approved by the director. (2) An independent piece of work counting for six hours which may take the form of a thesis in the literature, art, or history of the theatre; an original play; creative work in design, acting, direction, or stagecraft.

Examinations: two written and one oral along the following lines: historical, theoretical and literary, technical.

ZOOLOGY

PROFESSORS: HOWARD MADISON PARSHLEY, S.D., *Chairman*

*MYRA MELISSA SAMPSON, PH.D.

ERNEST CHARLES DRIVER, PH.D.

ASSOCIATE PROFESSORS: LOIS EVELYN TE WINKEL, PH.D.

ESTHER CARPENTER, PH.D.

ELIZABETH SANDERS HOBBS, D.S.C.

S. MERYL ROSE, PH.D.

ASSISTANT PROFESSOR: B. ELIZABETH HORNER, PH.D.

INSTRUCTORS: BARBARA HOPKINS LEONARD, PH.D.

MARJORIE CATHARINE BOWMAN, M.A.

DOROTHY H. DRISCOLL, S.B.

TEACHING FELLOWS: AUDREY PRISCILLA FARROW, A.B.

BARBARA JEANE FIENEMANN, A.B.

MARYLIN MATHILDE EVANSON, A.B.

MERLE INEZ LATHROP, A.B.

The courses which may be taken to fulfill the distribution requirement in Group G are 11, 12, Biological Science 195.

Students planning to major in zoology are advised to take 11 in Freshman year and to have a knowledge of general botany or chemistry and a reading knowledge of German. Chemistry, physics, and German are required by many graduate schools. See also preparation required for Honors work.

11. General Zoology. Introduction to the study of animals, including the fundamental principles of biology and a comprehensive survey of the animal kingdom. Laboratory work consists of dissection, experiments, and practice in the use of the microscope. Two lectures and two two-hour laboratory periods. *Three hours each semester.* Lec. Th F 2. Lab. A, M T 9; Lab. B, M T 11; Lab. C, M T 2;

(Lab. D, M T 11); Lab. E, Th F 9; Lab. F, Th F 11; Lab. G, Th F 11; (Lab. H, M T 9). Mr Parshley, Miss Carpenter, Mrs Hobbs, Miss Leonard.

12. Anatomy and Physiology of Man and Other Mammals. Laboratory work includes study of the human skeleton, of the muscles, nervous system, and viscera of other mammals, and microscopic study of tissues and organs. Two lectures and two two-hour laboratory periods. *Three hours each semester.* Lec. Th F 11. Lab. A, M T 9; Lab. B, M T 11; Lab. C, M T 2; Lab. D, Th F 9; Lab. E, Th F 2. Miss Sampson, Mr Rose, Miss Leonard, Miss Bowman.

12. Comparative Anatomy of Vertebrates. Comparison and probable evolution of structures in a series of chordates from *Amphioxus* to mammal. Prerequisite, 11, 12, or Biological Science 195; open to geology majors by permission of the instructor. Two lectures and two two-hour laboratory periods. *Three hours each semester.* Lec. M T 11; Lab. M T 2, Th F 9. Mr Driver, Miss Horner (*Director*).

31a. Nutrition. Human nutrition and its relation to the composition, supply, selection, preparation, and cost of food. By permission of the instructor. Lectures and demonstrations. *Three hours.* Th F 9-11. Miss Sampson.]

32. General Physiology. Experimental study of animal functions, their interrelations and their regulation. For students who have passed 12 or have passed or are taking 22, and Chemistry 11 or the equivalent. Two lectures and two two-hour laboratory periods. *Three hours each semester.* Lec. M 9 and 10; Lab. (M T 2), T W 9. Miss Sampson, Miss Bowman.

33. General Embryology. Development of animals, with particular reference to vertebrates. For students who have passed 12 or have passed or are taking 22. Two lectures and four hours of laboratory. *Three hours each semester.* Lec. Th F 2; Lab. Th F 3-5, (M T 2-4). Miss Te Winkel.

34a. Entomology. Introductory study of insects, with field trips. Prerequisite, 11. *Three hours.* T W 2-4 and two hours of independent work. Mr Parshley.

36. Genetics and Eugenics. Principles of reproduction and heredity, with economic and eugenic applications. Prerequisite, a course of Grade I in zoology or botany or Biological Science 195, and for Sophomores permission; open to students majoring in sociology or education by permission of the instructor. Two lectures, one two-hour laboratory period, and two hours of independent work. *Three hours each semester.* Lec. Th F 10; Lab. Th 3, (F 3). Mr Parshley.

37. Normal Histology. Microscopic study of animal tissues and organs, with practice in the more usual methods of histological technic. Prerequisite, 12 or 22. *Three hours each semester.* Lec. Th 9; Dem. F 9; Lab. Th F 11-1. Miss Carpenter.

38. Animal Taxonomy and Ecology. Field and laboratory work on animal identification and habits. Lectures on early American naturalists, methods of nature study, and wild-life conservation. Prerequisite, 11; open to botany majors by permission of the instructor. Two lectures and four hours of laboratory or field work. Offered in alternate years. *Three hours each semester.* Lec. M T 2; Lab. M T 3-5. Mr Driver.]

31b. Protozoology. Free living and parasitic Protozoa and their relationships to other animals including man. Prerequisite, 11 or 12. *Three hours.* Th F 11-1 and two hours of independent work. Mrs Hobbs.

- 41, 41a, 41b. Special Studies. Problems not dealt with in other courses in the Department. For qualified Seniors by permission of the Department. [†]*Two or three hours.*
- 42b. Advanced Physiology. Properties and functions of products synthesized by living organisms, including enzymes, hormones, vitamins, and other specific substances. Prerequisites, 32 and Chemistry 31. One lecture and five hours of laboratory. *Three hours.* Lec. F 2; Lab. Th 2-5 F 3-5. Miss Sampson, Miss Bowman.

- 43a. Development of Zoological Concepts. Study of man's continuous effort to analyze and reduce to system the knowledge of living organisms and to interpret the phenomenon of life, with special attention to the development of the concept of species and theories of evolution. Open, by permission of the instructor, to students not majoring in zoology. *Three hours.* M 3-5 T 5. Mr Driver.

Research Courses

In these courses the work is individual and involves, in addition to the laboratory work upon which it is based, extensive reading and conferences with the instructor at stated intervals. A reading knowledge of French and German is desirable. [†]*Two hours or more each semester.*

50, 50a, 50b. Research and Thesis. *Three or six hours.*

52a, 52b. Embryology. Prerequisite, 33. Mr Rose.

53. Anatomy (prerequisite, 22) or Ecology (prerequisite, 38). Mr Driver, Miss Horner.

54. Seminar. Recent Advances in Zoology. Reading and individual reports. [†]*One hour each semester.*

56. Entomology. Prerequisite, 34a. Mr Parshley.

[57, 57a], 57b. Physiology. Prerequisite, 32. Miss Sampson.

58a, 58b. Histology and Cytology (prerequisite, 37) or 58. Tissue Culture (prerequisites, 37 and Bacteriology 22). Miss Carpenter.

59. Genetics. Prerequisite, 36. Mr Parshley, Mr Driver.

NOTE.—See also Botany S53, 54a and b, 55.

510. Protozoology. Prerequisite, 311b. Mrs Hobbs.

Adviser of graduate study: Miss Sampson.

THE MAJOR

Advisers: Mr Parshley, Miss Sampson, Mr Driver, Miss Te Winkel, Miss Carpenter. Based on 11 or 12. If based on 12, 11 must be taken later.

Essential Courses: 22. Twelve of the eighteen semester hours required in the Department must be above Grade II.

Optional Courses: other courses in zoology; courses in botany, chemistry, geology, physics, psychology with the approval of the adviser; Economics 38; Bacteriology 22, 34; Physical Education 43b.

Honors

Director: Miss Carpenter.

Prerequisites: 11 and 22; Chemistry 11 or its equivalent. Normally these courses should be taken before Junior year.

Program:

Requirements: 32, 33, 43a, and three additional hours in zoology; three hours on a problem or paper; three hours of directed reading and review.

Optional courses approved by the director.

Examinations: two will cover the general field; the third may be of a specialized character.

INTERDEPARTMENTAL MAJORS

In addition to the departmental majors there are interdepartmental majors in which courses offered by different departments are focused on a certain field of study. Except in American Studies the work is so arranged that it covers four years instead of two. Students are expected to fulfill the general college requirements for the first two years. Interdepartmental majors are offered in the following: American Studies; Architecture and Landscape Architecture; Sciences, including Bacteriology, Physiological Chemistry, and Premedical Science; Theatre.

AMERICAN STUDIES:

THOUGHT AND EXPRESSION IN THE UNITED STATES

This major aims to bring into a single focus certain courses which explore the history of thought and expression in the United States.

The Class of 1949 will follow the major in American Civilization as outlined in the Catalogue for 1947-48.

FOR THE CLASS OF 1950 AND LATER CLASSES

Based on History 11, English 21 or General Literature 291, or equivalents approved by the adviser, Mr Aaron.

Essential Courses: in Junior year twelve hours chosen from History 321a and b, English 329, Art 325a and b, Music 318b.

Six hours to supplement the courses above from

History 321a and b, 320a, 413a, 414a and b, 415a, 56a, 57a.

English 329, 416a and b, 417b, 512a and b.

Art 325a and b, 329a; Music 318b.

These eighteen hours must include at least six in history, six in literature, and three in art or music.

Six hours from Education 36b, Government 324a, Philosophy 310b, Religion 32b.

Optional Courses: six hours in courses selected from related fields of study as approved by the adviser.

It is urged that courses taken outside the major should not include any listed above. The requirement of at least six hours during the Junior or Senior year in a Division other than the one in which the student is majoring must be satisfied by elections outside the field of this major.

Honors

Director: Mr Aaron.

Program: students may enter in Junior year and may take units or seminars in place of certain courses, as they may serve the purpose to accomplish an equivalent of the required work of the Junior year in the major. Entrance may also be made at the beginning of Senior year. In either case the last year's work will include a paper (three hours) in first semester and an integrating unit (six hours) in second.

ARCHITECTURE AND LANDSCAPE ARCHITECTURE

This major is planned for students who have a special interest in these subjects and for those who expect to make them a profession. They are so interrelated that some professional schools require study in both fields in preparing for either profession. Advanced credit is allowed in certain of these schools to those who have taken this major.

Based on Art 11. Art 13 and Botany 27 are advised.

Essential Courses: Art 35a and 36b, 37, 339, 341; Botany 38a and b.

Suggested electives: Art 212, 39, 329a, 41, 41a, 41b; Botany 11, 22b, 33b; Geology 26; Mathematics 12 or 13; Sociology 31a; French or German.

Adviser: Miss Koch or Mr Putnam.

Honors

Director: Miss Koch.

Examinations: one will be the solution of a project to test the student's ability in the technical field; one her scholarship in the history of architecture and of landscape architecture; one will comprise essay questions of a general nature treating several fields together.

SCIENCE

The interdepartmental majors in science are designed as preparation for (1) professional schools such as medicine, public health, or nursing; (2) graduate study in those fields which involve a thorough knowledge of more than one science, e.g. biochemistry, biophysics, or bacteriology; (3) laboratory work. Because it is advantageous to have basic training in chemistry, physics, zoology, and mathematics it is urged that the student see the advisers of these majors as early as possible in Freshman year.

Students planning to enter schools of nursing may consult Miss Sampson for information concerning entrance requirements for these schools.

BACTERIOLOGY

Essential Courses: Chemistry 11 or 12, 21a and b or 23, 31; Bacteriology 22, 34; Zoology 12.

Optional Courses: courses in chemistry, bacteriology, physics, zoology, or mathematics approved by the adviser, Miss E. V. Smith.

Honors

Director: Miss Smith.

Prerequisites, normally taken before Junior year: Bacteriology 22; Chemistry 21a and b or 23; Zoology 12.

Program:

Requirements: Bacteriology 34, 43a; Chemistry 31; Mathematics 12 or 13; three hours throughout Senior year on individual work, directed reading, and review.

Optional Courses: courses in chemistry, zoology, bacteriology, physics, or mathematics approved by the director.

Examinations: one in chemistry, one in bacteriology, one selected according to the student's program.

PHYSIOLOGICAL CHEMISTRY

Essential Courses: Bacteriology 22; Chemistry 11 or 12, 21a and b or 23, 31, 42a; Zoology 12 or 22, 32, 42b.

Optional Courses: other courses in chemistry, bacteriology, zoology, physics, mathematics, or Botany 37b with the approval of the adviser, Miss Burt.

Honors

Director: Miss Burt.

Prerequisites, normally taken before Junior year: Chemistry 21a and b or 23; Mathematics 12 or 13; Zoology 12.

Program:

Requirements: Bacteriology 22; Chemistry 31, 42a; Physics 11 or 21; Zoology 32, 42b; three hours throughout Senior year on a problem, paper, reading, and review.

Optional Courses: courses in chemistry, physics, bacteriology, zoology, mathematics, or other related fields by permission of the director.

Examinations: one in chemistry, one in physiology, one selected according to the student's program.

PREMEDICAL SCIENCE

The courses listed represent the minimum requirement for entrance to most medical schools, but as these differ from one another it is advisable for students to decide in the spring of Freshman year which school they plan to enter and include any additional courses necessary. Thirty hours in the major are required in the three upper years of which eighteen must be above Grade II.

Essential Courses: Chemistry 11 or 12, 21a and b or 23, 31; Physics 11 or 21; Zoology 11 or Biological Science 195, Zoology 22; a college course or its equivalent in German, French, or Spanish.

Optional Courses: other courses in chemistry, physics, mathematics, or zoology. Sociology 32a, 32b, or Psychology 46 may be substituted with the permission of the adviser, Mrs Hobbs.

Students may also prepare for medical schools by majoring in any department, if they include in their schedules the courses suggested above as the minimum requirement. They may consult the adviser of this major about their choice of courses.

Honors

Director: Mrs Hobbs.

Prerequisites, normally taken before Junior year: Chemistry 21a and b or 23; Physics 11 or 21; Zoology 11 or Biological Science 195; a college course or its equivalent in German, French, or Spanish.

Program:

Requirements: Chemistry 31; Mathematics 12 or 13; Zoology 22; three hours throughout Senior year on individual work, directed reading, and review.

Optional Courses: courses in chemistry, physics, zoology, mathematics, or bacteriology. Sociology 32a, 32b, or Psychology 46 may be substituted with the permission of the director.

Examinations: one in chemistry, one in zoology, one selected according to the student's program.

THEATRE

The Interdepartmental Major may be found in the offering of the Theatre Department.

GRADUATE STUDY

SMITH COLLEGE offers to graduate women work leading to the degrees of Master of Arts, Master of Education, Master of Science in Physical Education, and Doctor of Philosophy. Work for the degrees of Master of Arts or Master of Education may be combined with work for the Diploma for Teachers of Physical Education (see page 131). Advanced instruction is available in practically all departments of the college, and in the interdepartmental fields of bacteriology and genetics.

Graduate courses are open to men as well as to women students. Graduates of any college of approved standing may receive instruction without reference to the attainment of an advanced degree.

ADMISSION

Correspondence should be addressed to the Executive Secretary to the Committee on Graduate Study, College Hall 21.

Every candidate for admission as a graduate student should fill out an application form which is furnished on request, and present evidence of fitness for graduate work, including an official transcript of the undergraduate record. In addition the candidate is urged to take the Graduate Record Examination administered by the Carnegie Foundation for the Advancement of Teaching* and to present a report of her achievement to the Committee on Graduate Study at Smith College. Application should ordinarily be made in the spring of the year preceding registration. This regulation applies to teaching fellows and assistants as well as to other graduate students. Students who fail to make proper application in advance run the risk of being denied admission at the time of registration. Candidates for the degree of Master of Education should also correspond in advance with the chairman of the Department of Education and Child Study, and candidates for the degree of Master of Science in Physical Education with the Director of Physical Education. Students who wish to do graduate work in music and who have not had their undergraduate work at Smith College are required to take a placement test on the day before the opening of college. Arrangements should be made with the Department.

Graduate students must register with the Committee on Graduate Study at the opening of the college year. At this time they will receive blank course cards which are to be filled out after consultation with the chairman of the departmental committee on graduate work, and returned to the office within one week. Special permission must be obtained for delay in returning these cards. After the program has been arranged a student wishing to make changes must receive written permission through the office of the Committee.

REQUIREMENTS OF ADMISSION TO CANDIDACY FOR ADVANCED DEGREES

To be admitted as a candidate for a degree an applicant must have received her baccalaureate degree from a college or university of recognized standing, have

* Candidates should correspond with the Graduate Record Examination, 437 West 59th Street, New York 19, for information concerning the nature of this examination and the dates and location of its administration.

fulfilled the prerequisite requirements for the field in which the degree is to be received, and must show promise of ability satisfactorily to pursue advanced study and research.

REQUIREMENTS FOR THE DEGREE OF MASTER OF ARTS

Students admitted to a course of study leading to the degree of Master of Arts must have fulfilled the requirements for a Smith College major or its equivalent in the department in which the degree is to be received. A statement of the requirements for a major (consisting of thirty semester hours with at least eighteen in the department of the major and at least eighteen of Grade III or IV) is given following the list of courses in each department. Each student is expected to familiarize herself with that statement, and in case of doubt to make inquiries of the Committee on Graduate Study.

The course of study must be planned under the direction of the department in which the degree is to be received. It may include six semester hours of related work in another department, provided the election is approved by the major department and by the instructor concerned. A minimum of twenty-four semester hours of work in residence is required, of which at least twelve including the thesis must be of Grade V. With the approval of the departmental committee the other twelve hours may be in undergraduate courses or seminars (Grade III or IV), but not more than six hours of Grade III are permitted. If the student's undergraduate course did not include the required prerequisites she will, as a rule, need more than one year to complete the work for this degree.

Candidates for this degree must offer evidence, satisfactory to the department of their major, of a reading knowledge of at least one foreign language commonly used in that field.

A thesis, which may show the result of research or be a careful review of a special subject, is required of each candidate for this degree. In either type of thesis the student is expected to show some originality, some ability to select, integrate, and evaluate the material pertaining to her subject. Normally it counts for three or six semester hours. The thesis must be submitted to the department by the first of May, accepted by the department, and presented to the Committee on Graduate Study by May 20. Two typewritten copies of the thesis in final form must be presented to the Committee for deposit in the College Library.

REQUIREMENTS FOR THE DEGREE OF MASTER OF EDUCATION

The selection of candidates for this degree is based on academic aptitude, personality, and general fitness for teaching. The general requirements are similar to the requirements for the degree of Master of Arts, including the language requirement, with the exception that practice teaching and course work are substituted for the thesis, and that the required courses are distributed between education and the teaching field. The course of study normally consists of thirty semester hours. Students must have had a major in their teaching field equivalent to the major in that field in Smith College; in case of a deficiency courses must be taken in addition to the minimum subject matter requirement. Students must also have had a minimum of nine semester hours in education including History of Education, Philosophy or Principles of Education, and Educational Psychology. In case of a deficiency in this requirement examinations covering these subjects must be passed by the student before becoming a candidate.

Candidates for this degree will fall into groups, depending upon the type of teaching in which they wish to engage: (1) secondary school teachers in the academic fields; (2) teachers in nursery and elementary schools; (3) teachers of physical education.

REQUIREMENTS FOR THE DEGREE OF MASTER OF SCIENCE IN PHYSICAL EDUCATION

This degree is planned for the student who is interested in entering the field of physical education after her college course. Those who qualify for the degree must have received a baccalaureate degree from a college or university of recognized standing, and have completed an undergraduate program similar to that required for the Bachelor's degree at Smith College, including the courses listed as prerequisites on page 131, and in addition courses in physical education and hygiene similar to those required for the Diploma for Teachers of Physical Education at Smith College or for the degree of Bachelor of Science in Physical Education at other colleges. The courses required for the Diploma may be taken in the first year of graduate study at Smith College. Candidates must show promise of ability satisfactorily to pursue advanced study and research. They must offer evidence satisfactory to the Department of a reading knowledge of at least one foreign language.

Students must complete with at least Graduate Credit thirty additional semester hours of work as described in the special pamphlet which may be procured from the Department of Physical Education. Ordinarily two years of full-time graduate study will be required for students with a major in a liberal arts field to complete the prerequisites and the requirements.

REQUIREMENTS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

The degree of Doctor of Philosophy is conferred in recognition of high scholarly attainments and of ability to carry on original research. Students will be accepted as candidates for this degree only after they have satisfied the department of their major by graduate work done at Smith College that they have ability for independent advanced study and investigation. This acceptance comes not earlier than the end of the first year of graduate work and may, at the discretion of the Committee on Graduate Study, be on the basis of qualifying examinations. This degree may not be granted to members of the Smith College Faculty above the rank of instructor.

The requirements for the degree are normally based upon the equivalent of three years of graduate work, of which at least one must be in residence at Smith College. Candidates should also have at least one semester of graduate study in residence at one of the larger universities or abroad. The requirements include (1) the fulfillment of the language requirements imposed by the department, (2) the satisfactory completion of work in the major and minor fields, (3) the presentation of an acceptable dissertation, (4) the passing of preliminary examinations, and (5) a final examination. The program of a student shall be directed by a special committee consisting of three members of the Faculty. They shall be chosen so as to represent the fields of study in the student's program, shall be selected by the graduate committee of the department in consultation with the student, and shall be approved by the Committee on Graduate Study.

In general these requirements must be fulfilled in accordance with the following regulations, although variations, which must be approved by the Committee on

Graduate Study, may be permitted according to the nature of the major subject and of the student's program.

THE LANGUAGE REQUIREMENT. Every candidate must demonstrate to her special committee, not later than October 15 of the second year of graduate work, her ability to use at least two foreign languages in the literature of her major study. One of these languages must be modern. (The Committee on Graduate Study interprets this to mean that the student must be able to use the language in her research; a literary translation is not necessary.)

THE MAJOR AND MINOR SUBJECTS. The course work must be in a major and two minor fields. If the major subject includes two well-defined fields one of these may serve as a minor.

THE DISSERTATION. Ordinarily it is written under the direction of a member of the special committee in charge of the student's program, and must represent at least one full year of research. The completed thesis must be approved in writing by all members of the special committee and must be submitted to the Committee on Graduate Instruction for approval at least two weeks before the date of the final examination.

It is expected that the completed thesis, a significant section, or a summary of the results will be published.

PRELIMINARY EXAMINATIONS. These examinations under the direction of the candidate's special committee must be passed not later than October 15 of the academic year in which the student expects to fulfill the requirements for the degree. They will consist of two or three written examinations and an oral one. The written ones must be taken within a two-week period.

FINAL EXAMINATION. This examination will be oral and will be in the general field of the thesis. It must be taken in the spring and not later than June first of the year in which the degree is to be awarded.

GENERAL REGULATIONS

Graduate students are expected to perform all required class exercises, including final examinations if given in a course. In courses of Grades IV and V they are graded as follows: Distinction, to be given rarely and then only in recognition of unusual excellence; Graduate Credit, defined as satisfactory for an advanced degree; Pass, defined as satisfactory for hours' credit but not for an advanced degree; Fail. In courses of Grade III or lower letter grades are used (see page 68).

Every student awarded a degree must have spent at least one full academic year, or the equivalent, in residence and study at Smith College as candidate for that degree.

It is expected that work for the degree will be continuous and will be done in residence. The thesis may be completed *in absentia* only by special permission of the department and of the Committee. All work must be completed within a period of seven years from the date of enrollment of the candidate.

Students receiving advanced degrees are expected to take their degrees in person at Commencement. Academic dress of the degree to be taken is worn; arrangements may be made through the graduate office. Degrees are seldom conferred *in absentia* and only with the permission of the Director of Graduate Study.

STUDENTS NOT CANDIDATES FOR AN ADVANCED DEGREE

College graduates who are not candidates for an advanced degree may, with the approval of the Committee on Graduate Study, take any of the courses regularly

offered. These students are expected to conform to the standards of attendance and of scholarship that are required of candidates for degrees, including the taking of final examinations.

TEACHING FELLOWS

Teaching fellows normally carry half-time graduate work, *i.e.* six hours each semester, and obtain a Master's degree in two years. The stipend is \$800 for the first year, \$900 for the second year, and tuition. The department in which the appointment is made expects assistance for not more than twenty hours a week. Applicants should obtain application forms from the graduate office, but should then address their correspondence to the chairman of the department in which they are prepared to work. Before appointments are made the chairmen of the departments concerned present the credentials of the applicants for admission as graduate students to the Director of Graduate Study for approval.

FELLOWSHIPS AND SCHOLARSHIPS

Seven fellowships covering board, room, and tuition, and four tuition scholarships have been established by the Trustees of Smith College for the encouragement of advanced work in the various departments of study. They are open to graduates of Smith College and to women graduates of other colleges of good standing. It is understood that holders of these fellowships will be candidates for an advanced degree at Smith College. They may be asked to render some assistance (not instruction) in the college. They are not to undertake remunerative employment unless special permission is obtained from the Director of Graduate Study. Applications for these fellowships must be sent with the proper credentials by March 1 to the office of the Committee, College Hall 21. Awards will be announced the first of April, and must be accepted on or before April 15.

The College offers to students from abroad several fellowships which include tuition, residence, board, and a cash stipend of \$100. The scholarships offered by the Department of Education and Child Study are also open to these students. All stipends are payable in two installments. Candidates should apply, if possible as early as November, to the Chairman of the Committee on Foreign Students, College Hall 21, Northampton, Massachusetts, for application forms and particulars of required credentials, and all applications should reach her not later than February 20.

The Department of Education and Child Study offers three scholarships covering tuition to college graduates who wish to prepare themselves for specialized work in education. In making the appointments the academic records, personal characteristics, general adaptability, and professional experience of the candidate will be considered. Applications should be made on or before March 1.

Three tuition scholarships are available to students in the Department of Physical Education. Applications should be made before March 1 to Miss Dorothy S. Ainsworth, chairman of that Department.

The Alumnae Association Fellowship fund of \$25,525 provides fellowships offered to members of the graduating class who are selected by the Committee on Graduate Study. The holders may study at Smith College or at some other approved institution.

The Smith Students' Aid Society offers annually two fellowships of \$700 each for graduate study. These fellowships are open to members of the graduating

class and to alumnae of not more than two years' standing. Application should be made before February 15 to Mrs. Elizabeth S. Hobbs, Williamsburg, Mass.

The Marjorie H. Nicolson Fellowship of \$1000 was established in 1934 by the Trustees, to be awarded by the Committee on Graduate Study for advanced study either at Smith College or at some other institution. This sum may be divided at the discretion of the Committee.

The Fanny Bullock Workman Scholarship fund of \$30,000, the income to be used annually for assisting one or two graduate students.

The Jean Fine Spahr Fellowship fund of \$12,861.32 for the endowment of a graduate fellowship or fellowships, the income to be awarded to graduates of Smith College for study at approved universities in the United States or abroad (see page 51).

The Sarah Watkins Wilder and Sarah Wheaton Whipple Fellowship for Graduate Study in Zoology has been established as a fellowship for study at Smith College, or for Smith College graduates or teachers in the Zoology Department of Smith College for study in other institutions.

The Harriet Boyd Hawes Scholarship fund was established by the class of 1892 at its thirtieth reunion and has been increased to \$6400 (see page 51). The income is used for a scholarship at Smith College or, in the case of graduates or those who have been graduate students or members of the Faculty of Smith College, for study elsewhere in this country or abroad.

The Agnes Hunt Memorial fund of \$1000 has been founded by Mr. Nathan P. Hunt, the income to be used to aid any graduate student in the college pursuing advanced work in history.

Research fellowships are granted for work in various science departments as funds from Foundations are made available.

The Sophia Smith Honorary Fellowships without stipend have been established by the Trustees, to be awarded to students of fellowship standing who do not require financial aid.

The College is one of the institutions co-operating in the support of the American Schools of Classical Studies in Athens and Rome. The reports of these schools are sent regularly to the College, and graduates will be welcomed to all the privileges which the schools offer.

The sum of \$100 annually is contributed by the College toward the maintenance of the American School of Oriental Research in Jerusalem. Any Smith College graduate may enjoy the privileges of the school.

RESIDENCE

General information will be found on pages 40 and 41. Further information in regard to room and board may be obtained from the Warden.

Fort Hill House is the center of the social life for graduate students. Two other small dormitories are assigned to the graduate group. Holders of fellowships are required to live in one of these houses except by special arrangements with the Warden or the Director of Graduate Study. Other students, who desire, may arrange to live outside college houses, but their places of residence must have the approval of the Warden.

No college room may be engaged for a shorter time than one year.

The College expects students living in college houses to carry full-time programs.

EXPENSES

Tuition for full-time work, \$450 for the year.

Tuition for part-time work, \$20 a semester hour.

College graduates engaged in professional work in or near Northampton may take partial work at special rates. For particulars they should consult the Director of Graduate Study.

Late registration fee, \$5. Required for registration occurring more than one week after the opening of the semester.

Dormitory charge, \$650 for the year.

A deposit of \$50 is required from all students except Trustee or Foreign Fellows on or before September 1 of each year of residence. It will be applied to the second semester bill. In case of withdrawal, if notice in writing is filed with the Director of Graduate Study prior to September 1 with respect to the first semester or prior to December 1 for the second semester, the deposit will be refunded; otherwise it will be forfeited.

Diploma fees, for the Master's degree \$10; for the Doctor's degree \$25.

SMITH COLLEGE SCHOOL FOR SOCIAL WORK

OFFICERS OF ADMINISTRATION AND INSTRUCTION

FLORENCE ROBERTS DAY, M.S.C. (SOC. ADMIN.), Director	Social Casework
ANNETTE GARRETT, A.M., M.S.S., Associate Director and Supervisor of Field Work	Social Casework
HELEN LELAND WITMER, PH.D., Supervisor of Social Research	Social Casework
ESTHER H. CLEMENCE, M.S.S., Assistant Supervisor of Field Work	Social Casework
MIRIAM P. HART, M.S.S., Assistant Supervisor of Field Work	Public Welfare
SOPHIE T. CAMBRIA, A.M., Assistant Supervisor of Social Research	
JENNIE MOHR, PH.D., Assistant Supervisor of Social Research	
ELIZABETH CLARK JOHNSON, S.B., Executive Secretary and Registrar	
HELEN P. LOTRECK, Secretarial Assistant	
DORIS A. DEC, Secretarial Assistant	

BERNARD BANDLER, M.D.	Psychiatry
SAUL BERNSTEIN, M.S.	Group Work and Community Organization
FELIX DEUTSCH, M.D.	Psychiatry
FRANK J. HERTEL, M.S.C. (SOC. ADMIN.)	Administration
MARY E. HURLBUTT, A.M.	Cultural Studies
ROBERT P. KNIGHT, M.D.	Psychiatry
OTHILDA KRUG-BRADY, M.D.	Child Psychiatry
JOHN C. LEONARD, M.D.	Medicine
GEORGE E. LODGEN, A.B., LL.B.	Law
DOROTHY D. MUELLER, M.S.S.	Social Casework
VIOLA PARADISE, PH.B.	Public Relations
ELIZABETH P. RICE, M.S.	Social Aspects of Medicine
IRMA RITTENHOUSE, A.B.	Economics
ROBERT A. YOUNG, ED.D.	Psychiatry and Clinical Psychology

SPECIAL LECTURERS

SELDEN D. BACON, M.D.
LYDIA G. DAWES, M.D.
WILLIAM E. KENNEY, M.D.
CLAIRE C. MANWELL, M.D.
EDWARD J. MANWELL, M.D.
FREDERIKA NEUMANN, M.S.S.
PAUL PHELPS, M.D.
MARIAN C. PUTNAM, M.D.
ELSA M. SIIPOLA, PH.D.
WILLIAM R. WILLARD, M.D.

ADVISORY MEMBERS

HERBERT DAVIS, M.A., LL.D.

LUCILLE N. AUSTIN, A.B.

FRANK J. HERTEL, M.Sc. (SOC. ADMIN.)

FLORENCE HOLLIS, PH.D.

FREDERIKA NEUMANN, M.S.S.

LECTURERS, SUMMER SESSION, 1948

Arthur J. Altmeyer, Commissioner, Social Security Administration, Washington, D. C.

Annette Garrett, Associate Director, Smith College School for Social Work

Dr Merton M. Gill, Psychiatrist, Austen Riggs Foundation, Stockbridge

Dr Lewis B. Hill, Psychoanalyst, Baltimore

Ruth Hill, Director, Old Age Project, Family Service Society, Hartford, Ct.

George E. Lodgen, Attorney at Law, Boston

Dorothy M. McKay, Field Consultant, Central Commission on Children and War, International Committee for Mental Hygiene, New York

Viola Paradise, Author and Instructor, New York School of Social Work

AGENCIES CO-OPERATING DURING THE WINTER SESSION, 1948-49

Boston Psychopathic Hospital, Boston

Bureau of Child Guidance, New York

Central Clinic, Cincinnati General Hospital

Child Guidance Clinic, University Hospital, Baltimore, Md.

Community Service Society, New York

Family and Children's Society, Baltimore, Md.

Family Service, Cincinnati, O.

Family Service, New Haven, Ct.

Family Service of Scranton and Dunmore, Scranton, Pa.

Family Service Association, Springfield

Family Service Association, Washington, D. C.

Family Service Society, Hartford, Ct.

Family Society, Boston

Family Society, Philadelphia, Pa.

Grace-New Haven Community Hospital, New Haven, Ct.

Guidance Institute of Berks County, Reading, Pa.

Hartley-Salmon Clinic, Hartford, Ct.

Institute for Juvenile Research, Chicago

James Jackson Putnam Children's Center, Roxbury

Jewish Board of Guardians, New York

Jewish Family Service Bureau, Cincinnati, O.

Judge Baker Guidance Center, Boston

Massachusetts General Hospital, Boston

Mental Hygiene Clinics of Essex County, Cedar Grove, N. J.

Northern New Jersey Mental Hygiene Clinics, Greystone Park, N. J.

Pittsburgh Child Guidance Center, Pittsburgh, Pa.

Providence Child Guidance Clinic, Providence, R. I.

Rockland State Hospital, Orangeburg, N. Y.

St Christopher's School, Dobbs Ferry, N. Y.

United Charities, Chicago

Veterans Administration Mental Hygiene Clinic, Boston

Wayne County General Hospital and Consultation Center, Eloise and Detroit Mich.

Winter Veterans Administration Hospital, Topeka, Kan.

Worcester Child Guidance Clinic, Worcester

ORGANIZATION OF THE SCHOOL

The Smith College School for Social Work was organized in 1918 as a graduate school in which to prepare psychiatric social workers for the war emergency. During 1918 and 1919 an intensive course of theory and a period of supervised practice were given to those who were graduated. These at once found their places in hospitals and social agencies. It was soon recognized that an approach to problems of social maladjustment through an understanding of the personalities involved was valid for every form of social casework. The Smith School therefore continued after the war emergency as a graduate professional school of social work and became a charter member of the American Association of Schools of Social Work.

The first decade of the growth of the School corresponded to the period when the mental hygiene movement was enlarging its scope to include not only the better care of cases of mental illness and mental defect, but prevention of delinquency and the development of child guidance clinics. Psychiatric social workers were eagerly sought for the casework staffs of hospitals and community clinics and to carry preventive mental hygiene into courts, schools, and the public services. Social casework is a professional service which requires scientific knowledge and disciplined skill. Competent practice calls for the exercise of judgment and discretion.

EDUCATIONAL PLAN

The educational plan of the Smith College School for Social Work is based on the premise that there is a basic core of knowledge and skill in social work which transcends the specializations. The educational program is so planned as to offer sound orientation in the broad aspects of social work and the development of professional competence in the practice of social casework. Graduates are prepared to hold casework positions in a wide variety of private and public agencies and to advance to supervisory and administrative responsibilities.

CLASSROOM INSTRUCTION

Academic study is designed to provide such knowledge from the disciplines of medicine, psychiatry, psychology, law, and the social sciences as is required for the practice of social work. The courses in the methods of social casework integrate this factual knowledge and develop the principles and skills inherent in practice. Other courses in the broad field of social work cover theory and method in such areas as public welfare, child welfare, group work, administration, and community organization. Basic considerations in carrying on research in social casework are reviewed in a course that serves as an introduction for individual work on a thesis.

In order to carry out this educational policy the curriculum consists of a relatively few units of instruction covering basic areas rather than being broken up into any elective courses. For example, the basic course in public welfare aims to develop a sound comprehension of the scope and objectives of the field and to give a working knowledge of the varied individual programs on the federal, state, and local levels as they operate to meet the total needs of individuals. In the same way the casework courses demonstrate the application of casework principles in family casework, child welfare, psychiatric social work, and medical social work.

Courses offered in any one term are planned as a sequence and to achieve a total integration. Emphasis is placed on the discussion rather than the lecture method of teaching in the endeavor to train for independent and resourceful thinking. The educational process is strengthened by the fact that all the students live together on the campus of Smith College during the summer session and thereby are encouraged in continuous group thinking, mutual criticism, and discussion of the problems in the field of social work.

FIELD INSTRUCTION

Field work is an integral part of the curriculum, and academic credit is given for it. Students are assigned to agencies in small groups for a long and continuous practice period. This enables the student to become a participating member of the agency and community, and furthers the development of a professional attitude and point of view. Responsible participation under guidance during the field work gives opportunity to develop competence and self-reliance in casework practice.

Carefully selected and supervised reading is assigned to supplement and enrich the practice period in the field. In addition to individual instruction each agency is asked to offer a weekly seminar throughout the winter.

During the field work period thesis subjects are selected and worked on under the guidance of members of the School faculty. The preparation of a thesis is regarded as part of a student's training for a profession that looks to research for advancement of its theory and practice.

Continuous supervision from the School is maintained throughout the field work period by regular visits of faculty.

CURRICULUM

PLAN A

The School presents a program of three summer sessions in academic study on the Smith campus and two winter sessions in field work in agencies selected by and responsible to the School for the educational work. This program is designed for students without previous experience or training in social work.

PLAN B

This program covers two summer sessions of academic study at the School and an intervening winter session in field work. It is designed for students who have had adequate graduate preparation or satisfactory experience in an approved casework agency, and these students enter the course at Session III.

PLAN C

Persons may enroll for a single summer session and may be assigned to courses in Session I or III, depending upon their previous preparation and experience. Full credit will be given toward the degree provided the student is accepted for

readmission to complete the course within a period of two years. Students electing courses not prescribed for Session I or III will not be eligible for Session II or IV, respectively, upon reapplication.

The School *Catalogue* giving full details for the coming year will be sent upon request.

CONDITIONS OF ADMISSION

The Smith College School for Social Work is open to women graduates of approved colleges who have completed at least twenty semester hours in the social and biological sciences. Inquiries and applications for admission should be addressed to the Director, Smith College School for Social Work, Northampton.

SEMINARS

The School offers a series of seminars of two weeks each open to experienced social workers, and limited to twenty-five members. The seminars are conducted on the discussion method by the leaders four hours each morning for five days a week.

The fee for each seminar is \$100. A \$10 registration fee payable within one week of acceptance of the application is required in order to reserve a place. This fee will be applied to the charges of the seminar, but is not refunded in case the applicant does not attend.

DEGREES

The Trustees of Smith College, on the recommendation of the staff, grant the degree of Master of Social Science (M.S.S.) on the following conditions: (a) Completion of the period of residence, namely, a minimum of five quarters of full-time work. (b) Satisfactory completion of the courses required, unless exempted by examination when advanced work may be substituted. (c) Satisfactory completion of a thesis.

EXPENSES

Since the number of students that can be admitted is limited, a registration fee of \$10 payable within one week of acceptance of the application is required in order to reserve a place in the School. This fee is not refunded in case the applicant does not attend.

The fee for each summer session is \$350 which covers tuition, room, and board.

For each winter session the fee is \$125.

During the periods of field work the students are personally responsible for their own maintenance and may not accept salaried positions.

Students should estimate between \$15 and \$25 for books for each session, and students in the last session from \$30 to \$50 for the typing of at least three copies of their theses.

SCHOLARSHIPS

Scholarship aid is available during the winter sessions. Certain state hospitals offer internships which cover all living expenses of the students who are assigned to them for their field experience; other agencies grant a number of \$800 scholarships. A few larger scholarships are provided by agencies for students who will agree to accept employment after graduation. All applications should be made to the Director before April 1, 1949.

CALENDAR 1949-51

First Session	June to September, 1949
Second Session	September, 1949, to June, 1950
Third Session	June to September, 1950
Fourth Session	September, 1950, to June, 1951
Fifth Session	June to September, 1951

COURSES OF INSTRUCTION

SESSION I

10. The Field of Social Work. A course given by visiting lecturers who represent important social movements and activities.
120. Social Casework: I. A course which develops principles fundamental in the practice of social casework through discussion of case material from the several casework fields.
121. Social Casework: II. Continuation of 120.
130. Group Work. The principles and methods of group work as a basic approach in social work. The relationship of group work to casework, community organization, and other fields is explored.
140. Medical Information. The causes, symptoms, transmission, and theory of treatment of diseases; communicable diseases and their control. The function of the social worker in health problems.
150. The Psychological Development of the Normal Child. The emotional and social development of the child from birth through adolescence.
151. Preclinical Psychopathology. History, viewpoints, principles, and content of psychopathology.
- 151a. Clinical Psychopathology. Demonstrations of neurotics and psychotics at the Northampton State Hospital.
160. History and Organization of Social Work. An orientation to existing social welfare activities, presenting historically the growth of social agencies and the formulation of programs as they have developed in response to individual and community need.
161. Public Welfare Services: I. The responsibilities and interrelations of federal, state, and local governments in meeting social needs. Special attention will be given to the public assistance provisions and their relation to the social insurances.
180. Community and Agency Setting. This course will develop an understanding of a social agency and the way in which its program and services are co-ordinated with other social agencies in the community.

SESSION II

220. Field Experience in Social Casework.
221. Readings in Casework, Psychiatry, Medicine, and Social Welfare.

SESSION III

- 320, 321. Theory and Practice of Social Casework. Casework concepts and methods as they apply to individual cases, to agency setting, and to the community will be re-examined historically and in current practice.
340. Social Aspects of Medical Care. This course follows 140 and includes discussion of the major medical and social problems of surgery, physical handicaps, and geriatrics. The present and proposed planning for adequate programs of medical care, both preventive and curative.
350. Dynamics of Human Behavior. The dynamic interplay between emotional and environmental factors in the development of personality trends.
351. Psychosomatic Medicine. Lectures on the emotions and bodily changes, including the management of psychosomatic problems from the point of view of psychiatric and medical social service teamwork.
352. Implications of Psychological Testing. Problems of intellectual growth and its measurements. Emphasis is placed on the interpretation of test results with which the social worker needs to be familiar.
360. Public Welfare Services: II. Amplification of 161, with special stress on the practice and administration of public assistance programs. Recent developments with reference to such groups as the aged, children, handicapped, and the nonresident.
370. Introduction to Social Research Methods. Basic concepts and principles of scientific methodology and their implications for research in the field of social casework.
390. Law and Social Work. The relationship of law to social work; human motivation and the law; welfare legislation considered from the viewpoint of its application to social work problems and of public opinion.
391. Cultural Approach in Social Work. A course concerned with cultural heritage and milieu as potent forces to be understood and utilized in social work. Studies of negro-white relations and of recent European immigrants will be used as samples.
392. Economic Bases of Social Welfare. Analysis of economic factors in the problems of individuals, groups, and the community. The relation of these factors to the role of government in furtherance of human welfare.

SESSION IV

420. Field Experience in Social Casework.
421. Readings in Casework, Psychiatry, Medicine, and Social Welfare.
470. Thesis.

SESSION V

520. Advanced Social Casework. Generic casework skills are stressed through the use of cases from agencies with a wide variety of functions. Direct and indirect treatment methods applicable to individuals of various age groups are taught.

550. Psychiatry and the Child. Discussion of the biological development of the child, which includes the emotional relationships in his life with all the variations from the normal to the more abnormal.
551. Psychiatry and the Adult. Discussion of the implications of deviations in the behavior of the adult, emphasizing the value for casework of a diagnostic impression of the client, his capacities, limitations, and motivations.
570. Thesis.
580. Administration of Social Agencies. An advanced course emphasizing the planning aspects of agency organization and administrative process. Aspects emphasized, such as effective co-ordination, direction and supervision of staff; staff participation and personnel practices; interpretation of policies and standards to staff and community; financing; research facilities; development and use of agency boards, lay groups; relations between private and public agencies.
581. Community Planning for Social Welfare. The facts and problems about the community which it is important for social workers to understand, and the co-ordination of social services for the maximum benefit to the community.
590. Dependents and Incompetents. Minors under the law; adoption, guardianship, custody, the minor and the juvenile court; civil and criminal liability of insane persons.
591. Intercountry Casework. The extension of casework through internationally co-ordinated services. The significance of intercultural understanding and orientation to social work methods in other countries and to the role of the United Nations.
592. Social Work Interpretation. This course will explore the kinds of interpretation which all social workers are called upon to give. It will consider ways in which social workers provide information for special publics, for example, boards, volunteers, P.T.A. groups.

GRADUATE SEMINARS

91. Advanced Casework. Mrs Austin.
92. Supervisory Method in Social Casework. Mrs Austin and Miss Rosemary Reynolds.
93. Ego Psychology. Dr Krug-Brady.
94. The Psychosomatic Concept. Dr Deutsch.

HONORS AND DEGREES

AWARDED IN 1947-48

FIRST GROUP SCHOLARS

SOPHIA SMITH SCHOLARS

DWIGHT W. MORROW SCHOLARS

NEILSON SCHOLARS

WILLIAM A. NEILSON SCHOLAR

BOSTON SMITH COLLEGE CLUB SCHOLAR

NEW YORK SMITH COLLEGE CLUB SCHOLARS

MASSACHUSETTS SOUTH SHORE SMITH COLLEGE CLUB SCHOLAR

NATIONAL, CLASSICS, AND PEPSI-COLA SCHOLARS

1949

Joan Lorelei Auer	Carol Rita Newton
Joan Prentis Baker	Margaret Wilber Noe
Barbara Bates	Caroline Elizabeth Reed
Mary Jane Bergen	Kathryn Virginia Reed
Lucy Landon Black	Dorothy Reich
Helen Elizabeth Conners	Eileen Patricia Rooney
Rhoda Mary Dorsey	Adlyn Anne Shannon
Betty Joyce Fischler	Alice Mary Fairbank Smith
Joan Fletcher	Jo Ann Smith
Renée Claire Fox	Elizabeth Manby Starck
Lois Katherine Green	Caroline Stewart
Mary Thérèse Harris	Dorothy Roberta Strang (Bordes)
Anne Lavinia Jenks	Marian Jane Thomas
Valerie Young Knowlton	Doris Jean Todd
Marcia Arline Kutz	Rosamond Gale Tryon
Lois Carol Leggett	Lydia Mildred Tyler
Joanne Lloyd-Jones	Jessie Van Baalen
Steffi Ruth Loewenstein	Muriel Josephine Vogel
Sylvia Field Morse	Suzanna Hampton Waterman
Natalie Ann Zemon (Davis)	

1950

Edith Frances Anderson	Joan Shepard Miller
Judith Carol Baron	Mary Adelaide Muller
Greta Emmeline Brockhausen	Jean Claire Murphy
Edith Sumner Campbell	Ellen Charlotte Oppler
Leona Judith Feldman	Ursula Grete Orth
Phyllis Joan Freeman	Estelle Shari Ostow
Dorothy Anne Green	Sarah Bell Reynolds
Anna-Marie Goddard Hall	Phyllis Rotner
Elizabeth Patricia Henderson	Mary Eleanor Sanger
Meta Joyce Kaplan	Doris Jean Stewart

1951

Edith Constance Clarke	Thalia Weston Kennedy
Lore Ruth Dinkelspiel	Sara May Miller
Abigail Jane Dittmann	Diana de Rham Roesch (Phillips)
Elizabeth Emma Dodson	Ann Schafer
Paula Eldot	Rita Fay Sillman
Marjorie Anne Flory	Evelyn Erica Weissmann
Jocelyn Cunliffe France	Mary Ann Weld
Lee Hilles	Dorothy Elizabeth Wilson
Elaine Belle Hornick	Cora Priscilla Yates

1952

NATIONAL SCHOLARS

Barbara Ann Gilstrap, Albuquerque, N. M.
Maryann Beatrice Higbie, Central City, Neb.
Catherine Jean MacLeod, San Marino, Cal.

CLASSICS SCHOLAR

Mary Dickson Varian, Roslyn, N. Y.

PEPSI-COLA SCHOLARS

Mary Allison, Portland, Ore.
Margaret Jane Cotton, Crawfordsville, Ind.

DEAN'S LIST

1948

Jane Priscilla Abert	Hari Basil Brissimi
Priscilla Alden Alexander	Priscilla Audrey Brooks
Shirley Ann Allan	Barbara Esther Brown
Nancy Ballantine Allen	Elizabeth Suydam Brown
Elizabeth Jane Allsop	Sally Patricia Brudno
Marilyn Alter	Anne Buland
Jeanette Andrew	Marjorie Betty Butzer
Louise Randolph Arrington	Nina Buzby
Cecilia Anne Badger	Lucia Lee Cabot
Elizabeth Graham Baker	Karen Caldwell
Nancy Baldwin	Mary-Adelaide Carlaw
Elizabeth Anne Ballentine	Constance Moyle Carstens
Leah Kean Barach	Sarah MacFarland Casey
Elizabeth Barrows	Jean Gardiner Chisholm
Dorothy Olga Berude	Grace Phillips Christopherson
Mary Elizabeth Biggs	Nancy Prentice Clark
Martha Harrison Bixler	Catherine Ann Cline
Janet Blum	Helen Muriel Cohen
Joan Frances Borgenicht	Helen Patricia Conary
Marjorie Ruth Boselly	Dorothy Ann Conroy
Jean Bowen	Patricia Douglas Coyle
Marie Breckwoldt	Pamela Crane

- Glorianne Crowne
Jessica Raymond Darlington
Janet Van Hise Davidson
Tracy Davis
Virginia Dawson-Smith
Adèle Otis Dellenbaugh
Margaret DeVane (Logue)
Joan Adams Drukker
Suzanne Peters Duboc
Frances Williams Earhart
Rosamond Earle
Gwendolyn Earp-Thomas
Jacqueline Eno
Donatella Fellers
Amelia Maxwell Fuller
Mary Louise Gaekle
Mary Gallaher
Ann Margaret Gardner
Elaine Geisse
Barbara Louise Goodman
Gail Goodrich
Mary Goodrich
Barbara Markham Greene
Gwyneth Guiles
Harriet Hall
Helen Merris Hall
Eugenie Florence Hamilton
Janet Clark Hamilton
Hope Suzanne Handler
Carlene Jane Hartenstein
Janet Dickson Hartwell
Phoebe Ellen Hasek
Miriam Bernice Haskell
Muriel June Haslun
Cynthia Jean Haws
Elizabeth Dexter Hay
Sylvia Henderson
Marilyn Joyce Heyman
Barbara Ann Hill
Hermione Woodruff Hillman
Elizabeth Hitchcock
Irene Copeland Hixon
Winston Henley Holliday
Elizabeth Crawford Howard
Eva Frances Camac Isitt
Harriet Ballinger Johnston
Julia Jolliffe (Bostian)
Sandra Ruth Kahn
Carol Enid Kasen
Anita Scott Killingsworth
Mary Katharine Knight
Gretchen Ruth Knoblauch
Priscilla Anne Knowlton
Caroline Koch
Edna May Konoff
Rosalie Annette Koontz
Florence Sylvia Kossoff
Harris Pope Kramer
Mary Stuart Kreimer
Elizabeth Mary Kridl
Irma Helene Kriger
Jane Atwood Kuhn
Nancy-Anne Kynoch
Louise Goodwin Lacy
Jo Ann Lampe
Barbara Lane
Mary Ellen Rising Leggett
Barbara Elise Levine
Alice Williams Lewis
Francine Marian Liner
Katherine Slawik Lobach
Joan Mary Loftus
Anne Thurber Loud
Roberta Ruth Lounsbury
Barbara Jean McClelland
Lorraine Haynes McFarland
Katherine Whitner McKay
Winifred Neville Mann
Margaret Louise Mayo
Consuelo Claire Meloy
Sylvia Mendenhall
Cleone Virginia Miller (Rotan)
Betty Jane Morrison
Frederica Harriet Muhlenberg
Jean Marie Murphy
Mary MacAllister Murray
Phyllis Lois Newman
Marguerite Ann Norris
Helen Therese O'Boyle
Mary-Alice O'Neil
Judith Marjory Page
Mary Ruth Parrish
Anne Harris Paul
Anne Courtenay Penniman
Francine Sue Petacque
Cynthia Jane Propper
Lois Miller Quick
Carol Quimby
Patricia Ann Rapp
Lilian Rosemary Joan Reed

Ruth Reis
 Nancy Reeves Rice
 Patricia Ruth Robertson
 Mary Elizabeth Robinson
 Loïs Hélène Rogers
 Jane Camilla Roman
 Phyllis Ann Rooney
 Janet Roper
 Dorothy Dunham Rose
 Nesta Frances Rubidge
 Barbara Ann Rudolph
 Margaret Lindsay Ruth
 Nancy Jane Ryder
 Helen Elizabeth Schofield
 Deborah Harriet Schupper
 Arlene Lois Schwartzberg
 Dorothy Marion Schwarz
 Eunice Standish Scott
 Nelle Brown Sellers
 Beryl Faith Senderowitz
 Elizabeth Amy Shaw
 Jane Shaw
 Dorothy Brooks Simpson (Myers)
 Lilian Odell Smith
 Marjorie Ann Smith
 Margaret Snyder
 Elizabeth Louise Specht
 Susan Marian Spencer
 Carolyn Winifred Stein

Juliane Dorothea Straus
 Ruth Tapley
 Shirley Wynne Taylor
 Peggy Shevell Tenenbaum
 Sally Ann Thomas
 Marie Therese Thompson
 Maurine Nall Torell
 Katharine Nancy Trowbridge
 Eugenie Crosby Tyler
 Joyce Mary Van Dyk
 Joyce Van Otteren
 Gloria Elise Von der Lehr
 Ethel Jeanne Wagner
 Kathleen Hope Walsh
 Margaret Kuhl Kelly Warner
 Florence Hey Warrington
 Jane Swartwout Whitney
 Francelia Wight
 Jean Wilhelm
 Beverly Noel Williams
 Nancy Hope Williams
 Mary Ann Rodgers Willson
 Pamela Wilson
 Amy Webster Wing
 Joel Ruth Wise
 Sally Prescott Witt
 Emily Weigley Wood
 Elsie Oliver Young
 Mary Sue Young

1949

Patricia Nancy Abrams
 Nancy Quinter Adams
 Judith Irma Adelson
 Joan Lorelei Auer
 Heloise Lysle Bacon
 Rebecca Dare Bacon
 Elizabeth Anne Bain
 Joyce Bainton
 Joan Prentis Baker
 Beatrice Sturgis Bartlett
 Barbara Bates
 Mary Jane Bergen
 Ruth Helen Bernstein
 Ruth Ellen Biloon
 Lucy Landon Black
 Cynthia Blodgett
 Joan Blumenthal
 Janet Anita Brown

Carol Dean Browning
 Eleanor Pillsbury Buell
 Vilma Elise Bungenstab
 Elizabeth Holliday Burpee
 Vernon Burrows
 Anna Ella Bush (Hart)
 Marietta Lou Case
 Gloria Angela Cassetti
 Eleanor White Collins
 Helen Elizabeth Conners
 Lorna Cuneo
 Martine Darmon
 Doris Angela Doebler
 Rhoda Mary Dorsey
 Betsy Gray Ferguson
 Betty Joyce Fischler
 Joan Fletcher
 Renée Claire Fox

- Joan Stuart Frayn
 Marta Margarita Freyre de Andrade
 Susan Todd Gabriel
 Nancy Gennes
 Anita Doris Golden
 Lois Katherine Green
 Hannah Webster Griffith
 Jean Gage Guthrie
 Mary Elizabeth Hapgood
 Mary Thérèse Harris
 Naomi Carolyn Hartman
 Anne Schneider Henderson
 Ella Platt Hornickel
 Joan Hotchkis
 Ann Duke Hughes
 Barbara Josephine Hunter
 Ann Elizabeth Hutchinson
 Nancy Dixon Jarvis
 Mildred Jeanmaire
 Anne Lavinia Jenks
 Patricia Ann Jerome
 Marilyn Joslin
 Mona Judson
 Alice Katharine Kaltenback
 Mary Alice Kean
 Melicent Ames Kingsbury
 Valerie Young Knowlton
 Marcia Arline Kutz
 Olive Virginia La Guardia
 Lois Carol Leggett
 Joan Ruth Levine
 Barbara Janet Lieberman
 Mary Alice Linehan
 Joanne Lloyd-Jones
 Steffi Ruth Loewenstein
 Margaret Tolman Lyons
 Helen Cornell McCooey
 Sally Evelyn McCrillis
 Nancy Mahn
 Nancy Marshall
 Jane Elizabeth Matern
 Eleanor Louise Matsis
 Katharine Lathrop Mayer
 Harriet Louise Means
 Frances Ravenel Menefee
 Anna Mary Miles
 Margaret Harrison Miller
 Mary-Clare Milligan
 Judith Laura Mogil
 Jean Katharine Mollison
 Marian Emilie Molthan
 Sylvia Field Morse
 Margaret Trowbridge Murray
 Carol Rita Newton
 Genevieve Nichols
 Margaret Wilber Noe
 Nancy Sylvia Nore
 Nancy Dudley Nussbaumer
 Priscilla Mary Nye
 Joan Bodkin Orr
 Flavia Domitilla Pediconi
 Mary Elizabeth Price
 Ritva Alli Inkeri Putkonen
 Patsy Joan Rabinowitz
 Judith Ann Raskin (Raskin)
 Caroline Elizabeth Reed
 Kathryn Virginia Reed
 Dorothy Reich
 Ada Frances Risley
 Eileen Patricia Rooney
 Geraldine Edna Roth
 Mary Montgomery Salisbury
 Elizabeth Lane Sawyer (Haines)
 Alice Ann Scott
 Ruth Margaret Scully
 Suzanne Seixas
 Adlyn Anne Shannon
 Mary Ellen Shannon
 Jane Louise Shirley
 Sylvia Wheeler Short
 Alice Mary Fairbank Smith
 Jo Ann Smith
 Elizabeth Manby Starck
 Lucy Staton
 Maxine Anita Steinman
 Barbara Jane Stephenson
 Marcia Tapley Stephenson
 Catherine Stevens
 Caroline Stewart
 Harriet Jean Stix
 Natalie Joan Stolk
 Dorothy Roberta Strang (Bordes)
 Rose Sui Hwa Sun
 Marian Jane Thomas
 Doris Jean Todd
 Janice Weller Tompkins
 Thetis Aphrodite Touliatou
 Carolyn Lila Trockman (Goldman)
 Suzanne Ellen Troxell
 Rosamond Gale Tryon

Janet Tucker
 Sarah Jane Turner
 Lydia Mildred Tyler
 Jessie Van Baalen
 Muriel Josephine Vogel
 Anne Elizabeth Wallace

Suzanna Hampson Waterman
 Mary Lynne Weil
 Charlotte Rose Welles
 Rosemary Wieler
 Ruth Elizabeth Wilgus
 Margaret Joan Woodside

Natalie Ann Zemon (Davis)

1950

Gabriele Lucie Abraham
 Cornelia King Ames
 Edith Frances Anderson
 Rita Harriet Arky
 Sarah Ann Bagby
 Ruth Ellen Bailey
 Joan Joy Baker
 Virginia Thurston Barnes
 Judith Carol Baron
 Helen Gibbs Bennett
 Corinne Speck Benson
 Patricia Ann Berry
 Stefanie Dorothea Blank
 Betty Leota Blaw
 Carroll Le Sueur Bounds
 Isabel Whitla Braham
 Mary Glenair Brandt
 Greta Emmeline Brockhausen
 Betty Jane Brost
 Shelley Priscilla Bull
 Edith Sumner Campbell
 Marilyn Lee Cannon
 Sally Ann Carson
 Sally Cassell
 Martha Hopkins Cochrane
 Margaret Katherine Cromwell
 Elizabeth Marie Curth
 Fay Dabney
 Margaret Elizabeth Dailey
 Karla Davidson
 Shirley Rowan Dawson
 Mary de Coningh
 Elizabeth Anne de Coursey
 Marguerite Ramsdell Dixon
 Mary Elizabeth Doyle
 Lucy Jefferson Elmer
 Joyce Sheila Engelson
 Martha Norton Farrar
 Leona Judith Feldman
 Fleta Anne Frazier

Phyllis Joan Freeman
 Sylvia Claire Frolich
 Lesley Chapman Gerould
 Hester Vanneman Goodenough
 Selma Phyllis Gordon
 Dora Murray Grabfield
 Charlotte Grantz
 Dorothy Anne Green
 Esta Ruth Greenberg
 Lynn Haas
 Anne-Marie Goddard Hall
 Anna Fisher Hart
 Elizabeth Patricia Henderson
 Caroline Hendren
 Anna Maria Herbert
 Andrea Douglas Hill
 Nancy Speer Jones
 Nancy Joy
 Paula Lorraine Kairys
 Meta Joyce Kaplan
 Margaret Ann Kennedy
 Renee Helen Kline
 Jane Gerrit Kremers
 Mary Wilhelmina Lamar
 Mary Josephine Lee
 Constance Judith Linehan
 Zoann Little
 Dorothy Jean Lobrano
 Elaine Pembroke Loefller
 Margaret Stevenson Lynch
 Nancy Harrington Lynch
 Ann Louise McChesney
 Odessa Elizabeth McKenzie
 Beryl Chrisman Magee
 Constance Ruth Marantz
 Joan Phyllis Mencher
 Susan Merriam
 Joan Shepard Miller
 Carolyn Jean Minner
 Martha Jean Monnet

Mary Adelaide Muller	Miriam Schoenberger
Jean Claire Murphy	Courtney Withington Sherbrooke
Janet Lester Neville	Florence Shir
Ruth Carrington Noe	Barbara Jean Sivey
Ellen Charlotte Oppler	Janet Appleby Smith
Ursula Grete Orth	Lucia Mary Smith
Estelle Shari Ostow	Peggy Diane Smith
Joanne Margaret Palmer	Patricia Brigham Southgate
Gloria Elena Pasquini	Juliette Gay Staats
Beryl Ada Pinckney	Lydia Goodwin Steinway
Marjorie Plaut	Doris Jean Stewart
Elaine Sara Pomerantz	Maria Adele Le Brun Strong
Rosalie Ann Poriss	Sarah Alice Strong
Frances Squire Potter	Caroline Alice Taylor
Carolyn Jane Proctor	Elizabeth Carleton Thomas
Mary Rosmond Rector	Joan Thompson
Mary Rockwell Reynolds	June Thorndike
Sarah Bell Reynolds	Priscilla Atkinson Tietjen
Kate Foster Robertson	Ann Louise Treadway
Emily Lothian Rockwood	Janet Sherman Trowbridge
Corinne Rogers	Rita Jane Turino
Rosamond Wainwright Rogers	Mary Sherman Walbridge
Constance Rohr	Alexandra Weinstein
Phyllis Rotner	Barbara Allyn Wolfe
Raenelle Rubin	Elinor Jane Wolfe
Martica Sturges Ruhm	Adele Wolfson
Sarah Judith Sanborn	Joan Story Wright
Mary Eleanor Sanger	Caroline Foster Wyeth

1951

Mervyn Winston Adams	Monique Françoise Denoeu
Phyllis Riva Allen	Lucretia Watts De Wolf
Isabel Van Dyck Baxter	Lore Ruth Dinkelpiel
Mabel Emma Beeman	Abigail Jane Dittmann
Elizabeth Anne Bergen	Elizabeth Emma Dodson
Lucy Williams Blanton	Helen Eleanore Dollstedt
Margaret Ellen Bond	Constance Anne Dulles
Sue Bond	Mary Grace Eames
Diane Brayton	Paula Eldot
Jean Margaret Breckenridge	Mary Janice Elwood
Barbara Ann Burgner	Marjorie Anne Flory
Barbara Martin Burns	Jocelyn Cunliffe France
Edith Constance Clarke	Ruth Dorothy Freidson
Nellie Marie Cochrane	Lois Grace Goddard
Sallie Lucile Colwell	Elaine Bernice Goodman
Josephine Crisfield Connerat	Elizabeth Jane Hanna
Elizabeth Katherine Cowap	Elizabeth Stuart Heaton
Isabelle Carter Crocker	Lee Hilles
June Elizabeth Davis	Elaine Belle Hornick

Mary Ellen Kelly	Ann Schafer
Thalia Weston Kennedy	Arrial Seelye
Janice Kollmann	Alida White Sherman
Doris Kraeling	Rita Fay Sillman
Ann Drummond Leonard	Alice Lee Silverman
Judith Ann Levenson	Carol Kerns Simpkin
Lyle Sybil Lobel	Donna Jeanne Smith
Jan McMillan	Liebe Deborah Sokol
Dorothy Mandel	Rosamond Louise Stephenson
Nancy Mazur	Ann Ramage Swaney
Sara May Miller	Joan Moira Swenson
Martha Mitchell	Isabel Ann Tryon
Ann Stirling Putzki	Ann Seaver Coolidge Upton
Barbara Jean Quarles	Margaret Renée Value
Jean Ann Radel	Christine Windisch von Goeben
Marilyn May Reder	Virginia von Schilling
Phoebe Lang Reese	Iris Lane Warren
Jeanne Marie Riney	Lydia Suzanne Weisser
Patricia Roberts	Evelyn Erica Weissmann
Diana de Rham Roesch (Phillips)	Mary Ann Weld
Rosalind Pearl Roth	Dorothy Elizabeth Wilson
Cora Priscilla Yates	

DEGREES

JUNE, 1948

A.B.

Rose Alice Abato	Rebecca Coulter Barclay
Jane Priscilla Abert	Joyce Aileen Barrar
Carol Adams	Elizabeth Barrows
Jacqueline Lee Akers	Julia Jeffrey Bartlett
Priscilla Alden Alexander	Nancy Anne Barton
Jeanne Margaret Algard	Mary Brown Batchelder
Shirley Ann Allan	Shirley Holden Baxter
Elizabeth Jane Allsop	Elizabeth Ann Bean
Marilyn Alter	Barbara Ann Beatty
Shirley Ann Amos (Thurber)	Barbara Anne Bedenkapp
Jeanette Andrew	Betty Davis Beehler
Louise Randolph Arrington	Sarah Wilson Benham
Nancy Atwood	Rosamond Thomas Bennett
†Elizabeth Francis Aub	Mary Elizabeth Bentley
Alice Bach	Alice Caroline Berman
Cecilia Anne Badger	*Dorothy Olga Berude
Betty Lillian Ball	Peggy-Ann Biel (Benjamin)
Elizabeth Anne Ballentine	Martha Harrison Bixler
Elizabeth Gardner Banks	Marilyn Ruth Blair
†Leah Kean Barach	Patricia Anne Blevins
	Elaine Phyllis Bloomberg
	†Janet Blum

* Elected to Phi Beta Kappa.

† Elected to Sigma Xi.

- Joan Frances Borgenicht
 *Marjorie Ruth Boselly
 *Jean Bowen
 Marie Breckwoldt
 *Hari Basil Brissimi
 Beverly Ann Broback
 Elfy Broch
 Marie Therese Brodeur
 Nanette Brokaw
 Markell Brooks
 *Priscilla Audrey Brooks
 Shirley Broome
 Joan Broughton
 Barbara Esther Brown
 Elizabeth Suydam Brown
 Louise Jeanne Browne
 Sally Patricia Brudno
 Joan Louise Brutschy
 Anne Buland
 Charlotte Robinson Bullock
 Barbara Butin
 Linda Lou Butler
 Patricia Parks Butterfield
 Marjorie Betty Butzer
 Nina Buzby
 Deirdre Dana Byrne
 Lucia Lee Cabot
 Ann Caldwell
 Karen Caldwell
 Nancy Alice Cameron
 Miriam Camp
 Margaret Campbell
 Mary-Adelaide Carlaw
 Ann May Elizabeth Carswell
 Sarah MacFarland Casey
 Mary Virginia Cattell
 Chia-ling Chang
 Marion Chatfield
 *Jean Gardiner Chisholm
 †Grace Phillips Christopherson
 Sally Church
 Ellen Mary Chynoweth
 Nancy Prentice Clark
 Julianne Clarke
 Susan Elizabeth Clausen (Morris)
 Martha Clute
 Jean Winans Coe
 Mary Elinor Coffey
 Helen Muriel Cohen
 Helen Patricia Conary
 Jean Bannister Congdon
 Gloria Josephine Conn
 Dorothy Ann Conroy
 Phoebe Cook
 Virginia Lou Cotton
 Carol Ann Couffer
 Patricia Douglas Coyle
 June Margaret Craver
 Nancy Lee Crawford
 Mabelle Alfriede Cremer
 Ann Berry Crowell
 Natalie Stewart Cull
 Patricia Cummings
 Joanne Cuthbert
 Jessica Raymond Darlington
 Anne Holland Davey
 Janet Van Hise Davidson
 Charlette Davies
 Elaine Lynn Davies
 Nelda Lee Davis
 Tracy Davis
 Virginia Dawson-Smith
 Margaret Ann Dean
 Eleanor Hillary de Chadenèdes
 Florence Mary de Ganahl
 †Adèle Otis Dellenbaugh
 Margaret DeVane (Logue)
 Nancy Jewell Dick
 Anne Defrees Dickinson
 Grace Elizabeth Dickinson
 Mary Barbara Diven
 Mary Ann Donovan
 Joan Adams Drukker
 Deborah Drummond
 Suzanne Peters Duboc
 Mary Rhea Dulles
 Martha Woodbury Dunn
 Frances Williams Earhart
 Gwendolyn Earp-Thomas
 Jacqueline Eno
 Mildred McBaine Ess
 Natalie Alcine Evans
 Elizabeth Joan Ewald
 Cherry Fabe (Michelman)
 Grace Quackenbush Fairhurst
 Martha Louise Fast
 Donatella Fellers
 Martha Louise Fellers
 Nancy Floyd
 Barbara Ellen Fowler

Nancy Burrows Fox	Winston Henley Holliday
Marilyn Sylvia Frank	Jean Ann Hollis
Audrey Thompson Freeman	Cynthia Joan Holmes
Barbara Louise Fri	Helen Margaret Holtz
Dorothy Isabel Fritz	Marilyn Jeanne Hood
Eleanor Johnston Frost	Lois Gay Hooke
Nancy Jane Fry	Holly Hoover
Amelia Maxwell Fuller	Joan Lewis Hopkinson
Mary Louise Gaeckle	Patricia Helen Horrigan
Anne Rycroft Gage	Nancy Ann Howland
Ann Margaret Gardner	Virginia Carol Hurlbutt
Elaine Geisse	Barbara Louise Hyman
Caroline Ghrist	Suzanne Ingraham
Barbara Louise Goodman	Jane Katherine Jackson
Gail Goodrich	Marjorie Leigh Jamison
Mary Goodrich	Sallylee Jansen
Gertrude Keating Grace, Jr.	Jean Jeffery
Doneth Anne Green	Ann Dexter Jencks
Marion Carswell Green	Carolyn Ruth Johnson
Nancy Green	Janice Naomi Johnson
Barbara Markham Greene	Joan Priscilla Johnson
Sheila Greene	Marjorie Marion Johnson
Elizabeth Ann Greenhalgh	*Harriet Ballinger Johnston
Sylvia Greenspan	Janette Johnston
Betty Ellen Griffinger	Caroline Sewall Jones
Gwyneth Guiles	Mary Bonnell Jones
Doris Anne Hall	Winifred Judson
Helen Merris Hall	Dolores Myra Kaufman
Lacey Hall	Sharon Claire Kaye
Eugenie Florence Hamilton	Alice Patricia Kieckhefer
Janet Clark Hamilton	Anita Scott Killingsworth
Joan Harding	Sibyl Smith Kirby
Sally Mathilda Hardy	Ann Jean Kirschbaum
Susanna Harleman Hare	Margaret Knight
Mary Katharine Harmon	Mary Katharine Knight
Cecilia Harris	Ruth Forrester Knight
Janet Dickson Hartwell	Roberta Ann Knope
Phoebe Ellen Hasek	Priscilla Anne Knowlton
Muriel June Haslun	†Caroline Koch
Josephine Delbert Hastings	Audrey Beth Kohn
Jacqueline Hawkins	Edna May Konoff
*Cynthia Jean Haws	Rosalie Annette Koontz
Mildred Sterling Hedrick	Harris Pope Kramer
Patricia Hewes	Irma Helene Kriger
*Barbara Ann Hill	Sally Mayo Kroll
Hermione Woodruff Hillman	Jane Atwood Kuhn
Ann Spalding Hitchcock	Nancy-Anne Kynoch
Elizabeth Hitchcock	Despina Spiros Kyritsi
Nancy Hughes Hoag	Ruth La Croix
Lucy Ruth Holliday	*Louise Goodwin Lacy

- Karen Ingrid Lagemann
Beverly Foy Landauer
Ruth Hoyt Landon
*Barbara Lane
Mary Latson
Eleanor Ida Lebenthal
Mary Ellen Rising Leggett
Margot Carol Lehman
Mary Anne Leighton
Barbara Elise Levine
Edna Kay Levy (Goodman)
Alice Williams Lewis
Tamah Lichterman
Gladys Merle Liman
Jean Anne Lind
Consuelo Lins
Joan Mary Loftus
Ethel Cornelia Lopez
*Anne Thurber Loud
*Roberta Ruth Lounsbury
Joanne Drake Lowry
Nancy Ludington
Caroline Ham Lombard
Carroll Van Bergen Luthy
Laura Maud MacArthur
Patricia Jane McCafferty
Barbara Jean McClelland
Sarah Elizabeth McComb
Phyllis Regina McCormick
Camille McDonald
Louise Campbell McElroy
Lorraine Haynes McFarland
Katherine Whittner McKay
Florence Susan McKnew
Margaret Magdalen McLaughlin
Anne Leslie Macmillan
Patricia Josephine Madden
Barbara Joan Maloney
Winifred Neville Mann
Grace Cass Marshall
Elizabeth Baalack Martz
Shirley Lee Mather
Monique Jeanne Marie Maton
Margaret Louise Mayo
Jane Willits Mead
Consuelo Claire Meloy
Rosa Mencher
Sylvia Mendenhall
Viola Meurlin
Patricia Ruth Millar
Cleone Virginia Miller (Rotan)
Diana Ellicott Mitchell
Grace Evans Mitchell
Joan Mitchell
Joan Moisseiff
Jacqueline Louisa Molloy
Helen Pauline Montgomery
Mary Eloise Moriarty
Frederica Harriet Muhlenberg
Mary MacAllister Murray
Anita Carol Newman
*Phyllis Lois Newman
Margaret Jean Nix
Marguerite Ann Norris
Helen Therese O'Boyle
Mary-Joan O'Donnell
Mary-Alice O'Neil
Patricia Farish Owen
Virginia Eppes Oxnard
Judith Marjory Page
Adelaide Salisbury Pass
Mary Starke Patteson
Anne Harris Paul
Merrill Payson
Dorcas Virginia Peck
Joan Pendleton
Anne Courtenay Penniman
Burnley Taylor Perrin
*Francine Sue Petacque
Peggy Ann Plummer
Harriet Elizabeth Pond (Davis)
Mary Lydia Port
Dorothy Martyn Porter
Mary Grosvenor Potter
Lucy Lindley Powers
Madeline Doris Procter
Cynthia Jane Propper
Caroline Putnam
Michelle Pynchon
Barbara Rachel Quel
Lois Miller Quick
Carol Quimby
Helen Rabinovich
Rita Rainsford
Patricia Ann Rapp
Joyce Rawlins
Mary Louise Rebmann
Lilian Rosemary Joan Reed
Ruth Reis
Elisabeth Lee Reynolds

- Nancy Reeves Rice
 Anne Williams Rieser
 Joyce Claire Rischmiller
 Ann Carolyn Ritsher
 Gloria Ruth Rivers (Mellin)
 Ruth Mack Robinson
 Esther Joan Rogers
 Jo Ann Rogers
 Loïs Hélène Rogers
 Jane Camilla Roman
 Phyllis Ann Rooney
 *Janet Roper
 Dorothy Dunham Rose
 *Nesta Frances Rubidge
 Jean Rubin
 Elizabeth Ann Runels
 Margaret Lindsay Ruth
 Nancy Jane Ryder
 Lois St John
 Joan Marjorie Sappington
 Judith Ann Sargent
 Sarah Tinsley Sather
 Martha Jane Schaefer
 Anne Clark Schmidt
 *Helen Elizabeth Schofield
 Arlene Lois Schwartzberg
 Dorothy Marion Schwarz
 *Nelle Brown Sellers
 Beryl Faith Senderowitz
 Elizabeth Amy Shaw
 Edith Osborn Sherer
 Eleanor Charlotte Shirley
 Margaret Harriet Simons
 *Dorothy Brooks Simpson (Myers)
 Grace Evelyn Skinner
 Arlene Mae Smith
 Barbara Jane Smith
 Janet Hyland Smith
 Jeromy Evelyn Smith
 Lilian Odell Smith
 Marjorie Ann Smith
 Nadine Genet Smith
 Marion Louise Snee
 Mary Louise Snow
 Margaret Snyder
 Sue McGee Snyder
 Marcia Caryl Sonnenfeld (Scharfman)
 Janet Spain
 Elizabeth Louise Specht
 Susan Marian Spencer
 Sally Hope Staier
 Nancy Margaret Staley
 Carolyn Winifred Stein
 Nancy Allerdice Stout
 Patricia De Land Strack
 Carol Ann Strang
 Janet Marjorie Strothman
 †Ruth Tapley
 Shirley Wynne Taylor
 †*Peggy Shevell Tenenbaum
 Marian Morris Thayer
 Louise O'Sullivan Thomas
 Sally Ann Thomas
 Anne Ellis Thompson
 *Marie Therese Thompson
 Joanne Thomson (Richards)
 Mary Adelaide Thorn
 Mia Sverdrup Thygeson
 Patricia Carman Tidmarsh
 Maurine Nall Torell
 Rhoda Margaret Treherne-Thomas
 Katharine Nancy Trowbridge
 Constance Tubbs
 Mary Marjorie Turk
 Eugenie Crosby Tyler
 Jeanne Rigby Valliant
 Lois Catherine Van Arsdel
 Joyce Mary Van Dyk
 Joyce Van Otteren
 Lucy Vaughan
 Gloria Elise Von der Lehr
 Martha Louise von Lackum
 *Ethel Jeanne Wagner
 Kathleen Hope Walsh
 Mary Jane Walsh
 Mary Mildred Walsh
 Elizabeth Palmer Ward
 Margaret Kuhl Kelly Warner
 Florence Hey Warrington
 Helen Lambert Waterman
 Edna Esther Weathers
 Margaret Handy Weech
 Elizabeth Weeks Weeks
 Katherine Weiss
 Elienne Ruth Weltman
 Mary Elizabeth White
 Mary Anne Beacham Whitlock
 Jane Swartwout Whitney
 Margaret Cuthbert Wicks
 Francelia Wight

Sara Elizabeth Wilford	Elizabeth Withington
Jean Wilhelm	†Sally Prescott Witt
Diana Cicely Willemsen	Emily Weigley Wood
Nancy Hope Williams	Frances Babcock Woods
Mary Ann Rodgers Willson	Ann Lindley Wurtele
Pamela Wilson	Henny-Marie Wylacker
Marcia Winder	Eleanor Cannon Yager
Amy Webster Wing	Chen-Hua Yang
Carroll Winslow	Elsie Oliver Young
Joel Ruth Wise	†Mary Sue Young
	Barbara Warren Zimmermann

Cum laude

Nancy Baldwin (American Civilization)
Mary Elizabeth Biggs (Government)
Deborah Davidson Carpenter (Government)
Catherine Ann Cline (History)
Pamela Crane (History)
*Glorianne Crowne (English)
Rosamond Earle (History)
Mary Gallaher (History)
Harriet Hall (History)
Carlene Jane Hartenstein (Sociology)
Marilyn Joyce Heyman (Government)
Irene Copeland Hixon (English)
*Julia Jolliffe (Bostian) (Psychology)
Gretchen Knoblauch (Sociology)
Florence Sylvia Kossoff (Art)
*Mary Stuart Kreimer (Government)
*Elizabeth Mary Kridl (History)
Jo Ann Lampe (American Civilization)
Jean Marie Murphy (Economics)
Patricia Ruth Robertson (English)
Mary Elizabeth Robinson (English)
Eunice Standish Scott (English)
Jane Shaw (English)
Juliane Dorothea Straus (Classical Languages and Literatures)
Diana Dean Warren (American Civilization)
Beverly Noel Williams (History)

Magna cum laude

†Elizabeth Graham Baker (Physics)
*Constance Moyle Carstens (Government)
*Miriam Bernice Haskell (History)
Elizabeth Crawford Howard (Government)
Eva Frances Camac Isitt (Sociology)
*Sandra Ruth Kahn (Philosophy)
Carol Enid Kasen (Russian Civilization)
*Francine Marian Liner (English)

- **Katherine Slawik Lobach (Philosophy)
 *Betty Jane Morrison (Art)
 Mary Ruth Parrish (American Civilization)
 *Barbara Ann Rudolph (Government)
 *Deborah Harriet Schupper (Economics)

Summa cum laude

- *Nancy Ballantine Allen (English)
 †*Hope Suzanne Handler (Botany)
 †*Elizabeth Dexter Hay (Premedical Science)
 *Sylvia Henderson (English)

CLASS OF 1949 (ACCELERATED)

Harriet Selma Shapiro

AS OF THE CLASS OF 1947

Elizabeth Babson Alling	Carol Walling Koenig
Julia Ray Gibson	Virginia Allen La Marche
Alice Hollenbeck Greene	Sylvia Ruth Miller

DIPLOMA FOR TEACHERS OF PHYSICAL EDUCATION

Helena de Andrade, Professora em educação física 1943 University of Rio de Janeiro.

A.M.

Milton Ralph Bass, B.S. 1947 University of Massachusetts. English.

The Relationship of Jonathan Swift to the Satire of James Joyce.

Jean Louise Benneyan, B.A. 1946 Wellesley College. Music.

Haydn Symphonies: 1772-1784.

Frederick Norman Dibble, B.A. 1946 Amherst College. Psychology.

A Study of the Process of Stimulus Discrimination in Relation to Serial Learning.

Sigmund Leonard Doerpinghaus, B.S. 1945 The College of the Ozarks. Plant Genetics and Chemistry.

The Effect of Various Sugars on the Growth of Excised Embryos in Ten Species of *Datura*.

Catherine Anne Dower, A.B. 1945 Hamline University. Music.

The Canzoni for Three and Four Voices from the *Canzoni da Sonare* (1634) of Girolamo Frescobaldi. An edition with text.

Lorna Margaret Scarlett Downman, B.A. 1947 University of British Columbia. English.

A Critical Study of André Gide's Translation of *Hamlet*.

Joel Joseph Friedman, A.B. 1944 University of California. Theatre.

The Hero, the Chorus, and the Audience: a Study in Relationships as Evidenced in *Oedipus Tyrannus*.

Eugene D. Gross, B.S. 1940 The City College of New York. Theatre.

A Study Based upon the Plays of Clifford Odets.

Warren Daniel Hall, Jr., B.A. 1946 Amherst College. American Civilization.

The Reaction of Western Massachusetts to the Administrative Policies of James K. Polk.

- Bess Estelle Hieronymus, B.M. 1944 Mary Hardin-Baylor College. Music.
 Rutini, the Composer of Pianoforte Sonatas, Together with Thematic Index
 of the Sonatas.
- Verna Dolores Hink, A.B. 1945 University of California. History.
 Essayist in Exile: the Polity of Thomas Mann.
- Nancy Apley Hood, A.B. 1947 Radcliffe College. English.
 Use of Dialect in John M. Synge's *Deirdre of the Sorrows*.
- Claire Marie Horrigan, A.B. 1944 Trinity College. History.
 English Parliamentary Opinion on the Act of Union and the Irish Home Rule
 Bills of 1886 and 1893.
- Adma Michael Jeha, B.A. 1947 American University of Beirut. Education and
 Child Study.
 Educational Guidance in the American Public Senior High School and Its
 Potentialities for the Public Secondary Schools of Syria and Lebanon.
- Annette Kar, A.B. 1947 Barnard College. History.
 The Origins of Republicanism as Reflected in Western Massachusetts 1851-
 1854.
- Theodore Leon Kazanoff, B.S. in S.S. 1943 The City College of New York. Theatre.
 The World of George Lillo in Relation to His Play, *The London Merchant*.
- Florence Baumbach Kuhns,* A.B. 1946 Smith College. Psychology.
 The Influence of Personality Variables upon the Perception of Colored Ink-
 blots. The Relation of the Minnesota Multiphasic Personality Inventory
 to Color on the Rorschach Test.
- Alice Levine, A.B. 1947 Hunter College of the City of New York. Music.
 The Influence of Virtuosity on the Beethoven Piano Works.
- Leatrice Lowe, A.B. 1946 Stanford University. Chemistry.
 A General Color Test for the Presence of the Ester Group in Organic Sub-
 stances.
- Kitty Lus, B.A. 1942 Austin College. Chemistry.
 Further Studies of the Chemistry of Hydroxylamine -O- sulfonic Acid.
- Jean Allan McNicol, B.A. 1947 University of Western Ontario. French.
 Alfred de Vigny et la faillite des aristocraties.
- Carol Jean Mather, B.A. 1946 Beloit College. History.
 The Investigation of Monopolies in the Parliament of 1621.
- Zora Michalíková, First State Examination 1943 Slovak University (Bratislava).
 English.
 Women in the Works of Dos Passos, Fitzgerald, and Hemingway.
- Harry Brill Miller, A.B. 1946 University of Michigan. Theatre.
 Visual Perception of Depth on the Stage.
- Ida Jane Morgan, B.S. 1946 Allegheny College. Zoology.
 A Preliminary Study of Postnatal Ossification in Certain Bones of the Labora-
 tory Mouse, with Special Reference to the Use of These Bones as Age and
 Sex Criteria.
- Lois Fonda Nellis, A.B. 1946 William Smith College. Bacteriology.
 The Synthesis of Vitamin B₁ (Thiamin) by Certain Strains of *Escherichia coli*.
- Marjorie Temple Phleger, B.S. 1929 University of Southern California. Theatre.
 A Survey of Organization, Methods, and Values of Drama Study in Junior
 High Schools.

* With distinction.

- Iera Veleda Munn Riddell, B.S. 1946 The George Washington University. Zoology.
 Effects of a Thyroid Deficiency Produced by Thiouracil as Compared with Effects of Underfeeding upon Bone Growth in Albino Rats.
- Audine Emma Robinson, B.S. 1947 Tufts College. Zoology.
 A Comparison of the Growth and Differentiation of Avian Femora Grown on Plasma Clots with Those Grown on Clots Made from Fibrinogen and Thrombin.
- Elizabeth Jane Rock, B.S. 1946 College of Mount St Vincent. Chemistry.
 A Theoretical and Experimental Study of the Distribution of Rubidium Chloride and Rubidium Bromide between Their Aqueous and Solid Solutions.
- Dith Helen Stettner, A.B. 1947 Queens College. History.
 The Press, the Public, and the Lost Peace. Massachusetts, Henry Cabot Lodge, and the League of Nations Issue.
- Arthur Wagner, A.B. 1946 Earlham College. Theatre.
 A Comparison between the Aesthetic Principles of Organic Acting and Organic Architecture as Exemplified by the Theories of Constantin Stanislavski and Frank Lloyd Wright.
- Anne Katherine Walsh, B.S. 1946 Juilliard School of Music. Music.
 Some Studies in the Development of the Piano Etude.
- Leonor Frances Wedge, A.B. 1946 Hunter College of the City of New York. English.
 The Milton-Donne Controversy in Modern Criticism.
- Lisabeth Weisz, A.B. 1947 Swarthmore College. English.
 A Study of Some Philosophic Concepts in the Imagery of Shakespeare's *Macbeth, King Lear, and Troilus and Cressida*.
- Mariion Evans Wilson, B.S. in Med. Tech. 1939 Temple University. Bacteriology.
 A Comparative Study of the Toxic, Antigenic, and Protective Properties of Aqueous Extracts of Two Strains of *Eberthella typhi*, with and without the Vi Antigen.
- Horis Marian Wittenberg, B.S. 1946 New York University. Music.
 Six Trio-Sonatas for Two Violins and Basso Continuo by Diedrich Becker.
 An edition with critical preface.
- ED. M.
- John McKean Adams, A.B. 1927 Harvard University.
- Ynthia Lane Ellis, A.B. 1944 Wheaton College.
- Alberta Lois Fiorillo, A.B. 1946 De Pauw University.
- Furiel Annette Logan, B.S. 1934 Russell Sage College.
- Janne Elizabeth Nazor, A.B. 1947 Lake Erie College.
- Mary Frances Weeks, A.B. 1943 Colby College.
- M.S. IN PHY. ED.
- Ruth Buchanan Eddy, A.B. 1944 Brown University.
 The Validity and Reliability of an Objective Posture Test for College Women.
- Barbara Barnard Godfrey, A.B. 1940 Sweet Briar College.
 A Survey of the Organization and Administration of the Physical Education Department of the Public Schools of Holyoke, Massachusetts, and a Proposed Program of Physical Education for Girls in the Senior High School.

Shirley Golove, A.B. 1947 Brooklyn College.

A Handbook for Teachers and Students of Modern Dance. A Survey of the Problems of the Dancer in Films, Television, and Musical Comedy.

Ann Louise Carolyn Grothaus, B.A. 1945 and B.S. in Phy.Ed. 1946 University of Texas.

Survey of the Junior High Schools of Holyoke, Massachusetts, and Proposed Program of Physical Education for Girls in the Junior High School System.

Doris Jean Layson, A.B. 1942 and B.S. 1947 University of Illinois.

A Critical Analysis and Evaluation of Written Material in the Field of Swimming for the Years 1937-1947.

Elizabeth Anne Powell, A.B. 1944 Earlham College.

The Establishment of a Program of Corrective Physical Education for the Junior and Senior Public High Schools of Holyoke, Massachusetts.

*June Louise Sebree, B.S. 1945 Indiana State Teachers College.

A Study of Reliability of a Rhythm Test and the Relationship of Past Rhythmic Experience to Present Rhythmic Ability.

Ma Kyin Si, B.A. 1937 and B.Ed. 1939 University of Rangoon.

A Proposed Corrective Physical Education Program for the Elementary Schools of Burma.

Barbara Jean Wallace, B.S. Ed. 1945 University of Michigan.

The Development of an Instructional Film for Beginning Golf Students.

PH.D.

Mildred Weeks Prince, A.B. 1921 Radcliffe College, M.S. 1932 Massachusetts State College. English.

The Literary Life and Position in the Eighteenth Century of John, Earl of Orrery.

HONORARY DEGREES

A.M.

Helen Paull Kirkpatrick
Afroditi Koralia Krokodilou

LL.D.

Dorothy Kenyon
Otto Frederick Kraushaar
Helen Rogers Reid

DEGREES

SEPTEMBER, 1948

M.S.S.

Violet May Cassady Alexander, B.Sc. 1944 University of Cincinnati.

Community Planning for the Mentally Deficient.

Marietta Catherine Babcock, Ph.B. 1944 University of North Dakota.

Foster Mothers as Child Guidance Clients.

Phyllis Davison Baumgardner, A.B. 1946 Randolph-Macon Woman's College.

Basing Admissions to a Day Nursery on Family Welfare Considerations.

* As of 1947.

- Anne Billinkoff, B.A. 1930 University of Manitoba.
Preschool Children at a Child Guidance Clinic.
- Mary Mealda Cannady, A.B. 1943 Howard University.
Psychiatrists' Use of Social Service in a Mental Hospital.
- Helen Texanna Cederquist, B.A. 1933 Wells College.
A Study of Emotionally Secure Mothers.
- Catherine Elva Cohn, A.B. 1945 William Smith College.
Treatability of Parents Who Externalize Responsibility.
- Carolyn Mary Cohoe, B.A. 1941 State University of Iowa.
The Institutionally Deprived Child as a Mental Hygiene Patient.
- Vivian Clarke Conley, B.A. 1939 Le Moyne College.
Referrals to a Family Agency: 1942 and 1947.
- Elizabeth Elmer, Mus.B. 1932 Syracuse University.
One-Interview Cases in a Family Agency.
- Claire Ethel Fowler, A.B. 1946 Barnard College.
Suicide as a Symptom of Neurotic Conflict in Children.
- Dorothy Giles Friedlich, B.Sc. in Ed. 1932 University of Cincinnati.
Psychiatric Social Work on an Alcoholic Ward.
- Nancy Hazard Gardner, Ed.B. 1942 Rhode Island College of Education.
The Adjustment of Children Born in a Mental Hospital to Psychotic Mothers.
- Grace Emily Greer Gilmore, A.B. 1934 Allegheny College.
A Court's Use of a Mental Hygiene Clinic.
- Marilyn Jean Gradous, B.A. 1946 Rockford College.
Use of the Social Service Exchange by a Child Guidance Clinic.
- Vera Anne Harrison, B.S. 1941 Wilberforce University.
Stutterers as Patients in a Child Guidance Clinic.
- Helen Irene Harsha, A.B. 1946 University of Akron.
The Psychiatric Social Worker in a Veterans' Hospital.
- Helen Louise Hayward, B.A. 1934 College of Wooster.
Social Workers' Use of Play Interviews in the Bureau of Child Guidance,
Board of Education, New York City.
- Phyllis Eleanor Henderson, A.B. 1946 Upsala College.
A Family Agency's Services to Unmarried Mothers.
- Sylvia Charlotte Lerner Herman, A.B. 1945 Hunter College of the City of New
York.
Camp Placement as an Adjunct to Child Guidance.
- Betty Hutchinson, B.A. 1941 University of Colorado.
Unmarried Mothers as Patients in a Psychiatric Clinic.
- Helen Kinkead Jeffery, B.J. 1931 University of Missouri.
The Psychiatric Social Worker in a Hospital Setting.
- Dorothy Cullen Kemp, A.B. 1944 Radford College.
Criteria for Transfer from Institution to Foster Home.
- Ellen Ruth Lachmann, Diploma 1943 Training School for Social Service of the
Vaad Leumi.
Value of Interview Group Therapy.
- Mildred Ruth Lauster, A.B. 1934 Brooklyn College.
Can Adolescents Be Helped without Parental Participation?
- Joan Chao Yih Louie, B.A. 1946 McGill University.
Prognostic Factors in Authoritative Referrals to Child Guidance Clinics.

- Jennie Mohr, B.A. 1925 and M.A. 1926 University of Washington, Ph.D. 1942 Columbia University.
The Employment of Women with Family Responsibilities.
- Jean Mary Morris, B.A. 1943 State University of Iowa.
The Social Worker's Role in Hospital Discharge Procedure.
- *Dorothy Dowdall Nicom, B.S. in Ed. 1947 Temple University.
A Social Agency's Services to Large Families with Housing Problems.
- Ruth Ida Pfeiffer, B.S. Ed. 1944 Ohio University.
Decisive Factors in a Neurotic Patient's Ability to Leave Home.
- Margaret Eleanor Posson, B.S. in S.S. 1938 Boston University.
A Comparative Study of Intake at the Hartley-Salmon Clinic, 1937 and 1947.
- Miriam Louise Powell, A.B. 1945 New York University.
Illegitimate Pregnancy in Emotionally Disturbed Girls.
- Mary Elizabeth Richards, A.B. 1946 University of Nebraska.
Considerations Involved in Including Fathers in Child Guidance.
- Mary Elizabeth Ryan, A.B. 1927 University of Illinois.
Social Adjustment of Kindergarten Children Ten Years Later.
- Doris Rocke Schaffer, A.B. 1942 Hunter College of the City of New York.
Some Criteria for the Selection of Cases for Child Guidance.
- Isabel Katherine Schetlin, A.B. 1946 Barnard College.
The Use of a Psychiatric Clinic by the Medical Clinics in a General Hospital.
- Mary Lou Silver, A.B. 1943 University of Cincinnati.
The Value of Diagnostic Service in Child Guidance.
- Eva Mae Lonaburger Smigelsky, A.B. 1939 Syracuse University.
Why Parents Discontinue Child Guidance Treatment.
- Elizabeth Smith, A.B. 1947 Clark University.
Adoptive Mothers as Child Guidance Clients.
- Anna Sofman, A.B. 1932 New York University.
Clinical Manifestations of Poor Mother-Child Relationships.
- Mildred White Solomon, A.B. 1926 Goucher College.
Postoperative Social Adjustment of "Blue Babies."
- Sylvia Solovey, A.B. 1934 Brooklyn College.
Vocational Adjustment of Fifty-five Lobotomy Patients at Boston Psycho-pathic Hospital.
- Gertrude Marina Spector, B.A. 1946 Pennsylvania State College.
Characteristic Traits of Child Guidance Patients Who Steal.
- Muriel Hamilton Steele, A.B. 1946 Smith College.
Group Meetings for Relatives of Mental Hospital Patients.
- Lillian Estelle Sykes, B.A. 1942 and M.A. 1944 Fisk University.
Relief Clients of a Family Agency.
- Katharine Norwood Webb, A.B. 1943 University of Pennsylvania.
Value of Social Service with Psychotic Patients on Parole.
- Frances Alberta Williams, B.Sc. in Edu. 1937 The Ohio State University.
The Selection and Training of Hospital Aides at Winter Veterans Administration Hospital.

* As of the Class of 1946.

SUMMARY OF STUDENTS IN COLLEGE

Freshman Class (1952)	586
Sophomore Class (1951)	561
Junior Class (1950)	545
Senior Class (1949)	446
Graduate Students	129
Nonresident Fellows	10
Noncollegiate Students	22
<hr/>	
Total in the Winter Session	2299
School for Social Work	261
<hr/>	
Total	2560

SCHEDULE OF MIDYEAR EXAMINATIONS FOR THE YEAR 1948-49

This schedule should be consulted before courses are elected.

The term "sectioned course" as used in this schedule means a course in which there are no hours of meeting in common for all the students of the course.

Examinations for courses not included will be arranged before the examination period.

	Monday, Jan. 24	Tuesday, Jan. 25	Wednesday, Jan. 26	Thursday, Jan. 27	Friday, Jan. 28
8:00- 10:20	All classes scheduled for W Th F 3 except sectioned courses	French 22	All classes scheduled for W Th F 2 except sectioned courses	Music 11 Music 21	All classes scheduled for Th F S 10 except sectioned courses
10:30- 12:50	Psychology 12	All classes scheduled for Th F S 11 except sectioned courses	Speech 11 Speech 13 Speech 14	All classes scheduled for Th F S 9 except sectioned courses	All classes scheduled for Th F S 12 except sectioned courses
2:30- 4:50	All classes scheduled for M T W 11 except sectioned courses	Economics 21	All classes scheduled for M T W 9 except sectioned courses	Italian 11D Spanish 11 Spanish 11D Spanish 12	German 11 German 11D German 12 German 26 Russian 11D Spanish 25

SCHEDULE OF MIDYEAR EXAMINATIONS FOR THE YEAR 1948-49—*Continued*

	Saturday, Jan. 29	Monday, Jan. 31	Tuesday, Feb. 1	Wednesday, Feb. 2
8:00— 10:20	Hygiene 11a Philosophy 11 Philosophy 24	All classes scheduled for M T W 2 except sectioned courses	Physics 11 Theatre 12	All classes scheduled for Th F 4 except sectioned courses
10:30— 12:50	All classes scheduled for M T W 10 except sectioned courses	All classes scheduled for M T W 2 except sectioned courses	French 11b French 12 French 13 French 16 French 26 French 31a	Mathematics 12 Mathematics 13 Mathematics 21
2:30— 4:50	All classes scheduled for M T 4 except sectioned courses	History 11 Government 37	All classes scheduled for M T W 3 except sectioned courses	All classes scheduled for M T W 12 except sectioned courses

SCHEDULE OF FINAL EXAMINATIONS FOR THE YEAR 1948-49

This schedule should be consulted before courses are elected.

The term "sectioned course" as used in this schedule means a course in which there are no hours of meeting in common for all the students of the course.

Examinations for courses not included will be arranged before the examination period.

	Friday, May 20	Saturday, May 21	Monday, May 23	Tuesday, May 24	Wednesday, May 25
8:00- 10:20	All classes scheduled for Th F S 10 except sectioned courses	All classes scheduled for M T W 9 except sectioned courses	All classes scheduled for M T W 12 except sectioned courses	All classes scheduled for M T W 11 except sectioned courses	All classes scheduled for M T W 10 except sectioned courses
10:30- 12:50	All classes scheduled for Th F S 12 except sectioned courses	Speech 12b	All classes scheduled for Th F 4 except sectioned courses	Psychology 12	Hygiene 11b
2:30- 4:50	German 11 German 11D German 12 German 26 Russian 11D	All classes scheduled for W Th F 2 except sectioned courses	Mathematics 12 Mathematics 13 Mathematics 21	All classes scheduled for W Th F 3 except sectioned courses	All classes scheduled for M T 4 except sectioned courses

The hours at which the examinations in Speech 11, 13, and 14 will be given will be announced later.

SCHEDULE OF FINAL EXAMINATIONS FOR THE YEAR 1948-49—Continued

	Thursday, May 26	Friday, May 27	Saturday, May 28	Tuesday, May 31
8:00– 10:20	Government 37 History 11	French 11D French 12 French 13 French 16 French 26 French 311b	Italian 11D Spanish 11 Spanish 11D Spanish 12 Spanish 16 Spanish 25	All classes scheduled for Th F S 11 except sectioned courses
10:30– 12:50	All classes scheduled for M T W 2 except sectioned courses	Physics 11 Theatre 12	Music 11 Music 21	Economics 21
2:30– 4:50	Philosophy 11 Philosophy 24	All classes scheduled for M T W 3 except sectioned courses	All classes scheduled for Th F S 9 except sectioned courses	French 22

INDEX

- Absence
because of Illness, 42, 65, 66, 67
from Examinations, 42, 66-67
Acceleration, 68
Administrative Officers, 7
Admission to College, 59
April Examinations, 61
Foreign Examinations, 61
Regents' Examinations, 60, 61
Requirements, 59-64
Advanced Standing, 59, 63-64
Graduate Students, 157
Noncollegiate Students, 64
Advisers
Faculty, 31, 73
Major, 69, 73
Alumnae Association Officers, 33
American Studies Major, 153
Architecture and Landscape Architecture
Courses, 77, 78, 79, 80, 83
Major, 154
Art Courses, 76
Entrance Requirements, 60, 62
Astronomy Courses, 80
Attendance, 65-66
Auditors, 64, 74
Bacteriology Courses, 117
Major, 154
Bible Entrance Requirements, 60, 62
Biblical Literature Courses, 138
Bills, 41, 43
Blanket Tax, 43
Board, 43, 51, 161, 163
Botany Courses, 82
Buildings, 55-58
Calendars
College, 5
Yearly, 4
Chemistry Courses, 85
Child Study Courses, 93
Classics Department, 88
College Board Regulations, 61-62
Committees
Faculty, 31
Trustee, 6
Co-operative Houses, 51
Correspondence, 2
Course Cards, 40, 73, 74, 157
Curriculum, 68-73
Day School, Smith College, 28, 38
Dean's List, 74, 173
Degrees Conferred, 179
Degrees, Requirements for
Bachelor of Arts, 63, 65, 68, 69
Doctor of Philosophy, 159
Master of Arts, 132, 158
Master of Education, 132, 158
Master of Science in Physical Education,
131, 159
Master of Social Science, 168
Deposits, 40, 43, 69, 163
Diploma in Physical Education, 131, 159
Economics Courses, 90
Education Courses, 93
Election of Courses, 73-74
Elisabeth Morrow Morgan Nursery School,
29, 38
English Courses, 96
Entrance
Examinations, 60-63
Requirements, *see* Admission and Requirements
Examinations
Absence from, 42, 66-67
Schedule, 192
Exclusion from College, 40, 43, 68, 130
Expenses, 41, 42, 43, 51, 163
Faculty, 7
Failures, 68, 130
Fee for
Auditors, 64
Graduate Work, 163
Graduation, 43, 163
Noncollegiate Students, 64
Practical Music, 43, 124, 127
Radio or Record Player, 41
Registration, 42, 59, 163
Sports, 43, 130
Transcripts, 43
Fellowships, 161
French Courses, 100
Freshman and Sophomore Requirements, 71-
72, 74
Geology and Geography Courses, 103
German Courses, 107
Government Courses, 109
Grades, 65, 66, 68, 71, 73, 74, 160
Graduate Record Examination, 157

- Graduate Study, 131, 157
- Greek Courses, 88, 138
- Heads of House, 29, 40, 42, 66
- Health, 41, 42, 60, 132
- Hebrew Course, 139
- Historical Sketch, 34
- History Courses, 112
- Honors, 71
 - Conferred, 172, 184
- Hygiene Courses, 116
 - Requirements, 71, 116
- Insurance, 41, 42, 70
- Interdepartmental Courses, 75
- Interdepartmental Majors, 37, 69, 149, 153
- Italian Courses, 118
- Junior and Senior Requirements, 68, 72-73
- Junior Years Abroad, 37, 69-71
- Latin Courses, 89
- Laundry, 41
- Library, 56
- Loans, 44, 52
- Major, the, 69, 72
 - Advisers, 69, 73
- Marriage, 67
- Mathematics Courses, 119
- Minimum of Hours, 63, 68, 74, 158
- Music Courses, 122
 - Entrance Requirements, 62
 - Fees for Practical Music, 43, 124, 127
- National Scholarships, 51
- Naval Reserve Midshipmen's School, 39
- Noncollegiate Students, 64
- Norwegian Course, 108
- Nursery School, Elisabeth Morrow Morgan, 29, 38
- Phi Beta Kappa Society, 55
- Philosophy Courses, 127
- Physical Education Courses, 130
 - Requirement, 72, 130
 - Graduate Work, 131, 159
- Physical Plant, 55-58
- Physics Courses, 133
- Physiological Chemistry Major, 155
- Portuguese Courses, 144
- Premedical Science Major, 155
- Prizes, 52-55
- Psychology Courses, 135
- Professional Schools, Preparation for, 154
- Reading Clinic, 93
- Readmission, 40, 67
- Registrar's List, 66
- Registration, 65, 66
 - for Graduate Students, 157
- Religion Courses, 138
- Religious Life, 41
- Requirements for Admission, 59-64
 - Art, 60, 62
 - Bible, 60, 62
 - Music, 62
- Residence, 40, 51, 65, 68
 - for Graduate Students, 160-63
 - Scholarships, 51
- Riding Fees, 43, 130
- Rooms
 - Assignments, 40, 59
 - Furnishings, 41
- Rules for Election of Courses, 73-74
- Russian Courses, 140
- Scholars, List of, 172
- Scholarship, 65, 66, 68, 71, 73, 74
- Scholarships, 43-51, 161
 - National, 51
 - Residence, 51
- Scholastic Achievement Tests, 60-61
 - Aptitude Test, 60-61, 63
- Self-Help Bureau, 51
- Shortage, 63, 68, 74
- Sigma Xi, Society of the, 55
- Signs and Abbreviations, 10, 75
- Smith College Day School, 28, 38
- Social Work, School for, 38, 164-71
- Sociology Courses, 141
- Spanish Courses, 144
- Speech Courses, 147
- Sports Fees, 43, 130
- Students' Aid Society, 52, 161
- Students, Summary of, 191
- Teaching Fellows, 157, 161
- Theatre Courses, 148
- Transcripts, 43, 63, 157
- Trustees, 6
- Tuition, 43
 - for Graduate Students, 163
 - Free, 40, 44, 161
- Visitors, 2
- Vocational Office, 55
- Warnings, 68
- Withdrawal from College, 40, 43, 67, 130
- Work Missed through Absence, 65
- Zoology Courses, 150

BEQUESTS

Gifts to the College may take the form of scholarships, of professorships, of additions to the material equipment, or of contributions to the permanent endowment fund. Special conditions may, of course, be attached to any gift. Forms of bequest are suggested.

UNRESTRICTED BEQUEST

I give, devise, and bequeath to The Trustees of the Smith College, a corporation established by law at Northampton in the Commonwealth of Massachusetts, the sum of dollars, to be applied to the general uses and purposes of the said institution.

UNRESTRICTED BEQUEST MAKING THE COLLEGE RESIDUARY LEGATEE

All the rest, residue, and remainder of my estate, real and personal, I devise and bequeath to The Trustees of the Smith College, a corporation established by law at Northampton in the Commonwealth of Massachusetts, to be applied to the general uses and purposes of the said institution.

BEQUEST FOR ENDOWMENT

I give, devise, and bequeath to The Trustees of the Smith College, a corporation established by law at Northampton in the Commonwealth of Massachusetts, the sum of dollars to be invested and preserved inviolably for the endowment of Smith College.

